2020	α_{2000}	δ_{2000}	Δ	r	β	V
383945	2008 ST_{268}		5 31.9	293°.21	3°.4/31.1	17
	h m	° ′			°	m
5 1	17 0.10	−14 19.2	1.698	2.586	13.0	20.6
5 11	16 54.51	−14 0.2	1.611	2.562	9.5	20.3
5 21	16 46.68	−13 43.9	1.546	2.538	5.8	20.0
5 31	16 37.37	−13 32.6	1.507	2.514	3.4	19.8
6 10	16 27.68	−13 28.6	1.494	2.490	5.8	19.9
6 20	16 18.73	−13 33.6	1.506	2.466	10.0	20.1
6 30	16 11.58	−13 48.8	1.542	2.442	14.0	20.3
7 10	16 6.95	−14 14.3	1.597	2.418	17.5	20.5
373479	2000 SQ_{291}		5 31.9	173°.56	0°.8/31.6	18 R
5 1	17 1.10	−20 26.5	2.547	3.418	9.8	22.0
5 11	16 54.40	−20 5.1	2.476	3.422	7.0	21.9
5 21	16 46.25	−19 41.3	2.431	3.425	3.8	21.7
5 31	16 37.31	−19 15.9	2.415	3.428	0.9	21.4
6 10	16 28.36	−18 50.8	2.428	3.429	3.3	21.6
6 20	16 20.14	−18 27.8	2.470	3.430	6.6	21.8
6 30	16 13.28	−18 8.8	2.539	3.431	9.5	22.0
7 10	16 8.24	−17 55.6	2.630	3.430	12.0	22.2
342603	2008 UW_{315}		5 31.9	215°.90	0°.7/ 1.2	18
5 1	17 2.03	−23 50.5	2.391	3.261	10.5	21.8
5 11	16 55.33	−24 4.1	2.308	3.253	7.5	21.6
5 21	16 46.88	−24 14.0	2.251	3.244	4.1	21.4
5 31	16 37.38	−24 19.7	2.222	3.235	0.8	21.1
6 10	16 27.69	−24 21.4	2.222	3.225	3.3	21.3
6 20	16 18.68	−24 20.3	2.250	3.215	6.8	21.5
6 30	16 11.13	−24 18.2	2.305	3.204	10.0	21.7
7 10	16 5.59	−24 17.4	2.382	3.193	12.8	21.9
383868	2008 RK_{25}		6 1.0	295°.82	9°.7/ 4.4	15
5 1	17 6.68	−46 8.2	1.703	2.522	16.3	21.0
5 11	16 59.95	−46 42.6	1.615	2.501	13.9	20.8
5 21	16 49.90	−46 53.8	1.546	2.479	11.5	20.6
5 31	16 37.68	−46 35.1	1.500	2.458	9.9	20.5
6 10	16 25.04	−45 44.5	1.477	2.436	10.1	20.4
6 20	16 13.80	−44 25.4	1.478	2.415	11.9	20.5
6 30	16 5.45	−42 46.3	1.501	2.393	14.7	20.6
7 10	16 0.81	−40 58.2	1.544	2.372	17.7	20.7
55526	2001 VV_{58}		6 1.0	35°.00	4°.4/ 2.3	18
5 1	17 1.93	−33 46.4	2.030	2.889	12.5	19.0
5 11	16 55.59	−34 21.3	1.962	2.891	9.5	18.8
5 21	16 47.12	−34 45.0	1.918	2.894	6.5	18.6
5 31	16 37.41	−34 55.2	1.900	2.897	4.5	18.5
6 10	16 27.56	−34 51.3	1.909	2.900	5.4	18.6
6 20	16 18.68	−34 35.4	1.944	2.903	8.1	18.7
6 30	16 11.71	−34 11.4	2.003	2.906	11.1	18.9
7 10	16 7.24	−33 43.9	2.084	2.910	13.8	19.1
478105	2011 UW_{74}		6 1.0	180°.25	3°.0/30.6	16
5 1	16 57.33	−14 15.0	2.380	3.259	10.1	21.5
5 11	16 51.81	−13 34.5	2.312	3.259	7.3	21.3
5 21	16 44.89	−12 55.4	2.270	3.259	4.5	21.1
5 31	16 37.20	−12 20.3	2.256	3.260	3.0	21.0
6 10	16 29.49	−11 51.3	2.269	3.259	4.7	21.2
6 20	16 22.48	−11 30.5	2.310	3.259	7.6	21.3
6 30	16 16.77	−11 18.9	2.376	3.259	10.4	21.5
7 10	16 12.81	−11 17.0	2.463	3.258	12.8	21.7
67923	2000 WR_{113}		6 1.0	272°.55	2°.9/ 1.9	18
5 1	17 3.81	−29 48.9	1.494	2.374	15.0	18.9
5 11	16 57.53	−29 45.0	1.413	2.359	11.1	18.6
5 21	16 48.43	−29 28.3	1.355	2.345	6.8	18.3
5 31	16 37.55	−28 57.3	1.321	2.330	3.1	18.1
6 10	16 26.35	−28 13.5	1.312	2.315	5.2	18.1
6 20	16 16.34	−27 21.3	1.329	2.300	9.8	18.4
6 30	16 8.75	−26 27.1	1.368	2.285	14.2	18.6
7 10	16 4.38	−25 37.4	1.427	2.270	18.1	18.8
218961	2008 EM_{109}		6 1.0	353°.63	5°.1/30.5	17
5 1	16 59.27	−12 36.9	1.338	2.237	15.1	19.8
5 11	16 54.03	−11 50.5	1.279	2.234	11.1	19.6
5 21	16 46.39	−11 9.0	1.242	2.232	7.1	19.3
5 31	16 37.35	−10 36.7	1.228	2.231	5.1	19.2
6 10	16 28.23	−10 17.5	1.238	2.230	7.5	19.3
6 20	16 20.28	−10 13.7	1.272	2.229	11.6	19.6
6 30	16 14.53	−10 26.0	1.327	2.229	15.6	19.8
7 10	16 11.60	−10 52.9	1.399	2.230	19.1	20.0
236644	2006 KM_{50}		6 1.0	188°.62	0°.5/31.8	18
5 1	17 0.69	−20 41.9	2.129	3.008	11.2	21.1
5 11	16 54.42	−20 39.8	2.058	3.008	7.9	20.9
5 21	16 46.39	−20 35.6	2.011	3.007	4.3	20.7
5 31	16 37.35	−20 29.8	1.992	3.006	0.6	20.4
6 10	16 28.22	−20 23.3	2.001	3.005	3.6	20.6
6 20	16 19.88	−20 17.8	2.038	3.003	7.4	20.9
6 30	16 13.13	−20 15.0	2.099	3.001	10.7	21.1
7 10	16 8.50	−20 16.6	2.183	2.999	13.6	21.3

2020	α_{2000}	δ_{2000}	Δ	r	β	V
324444	2006 TS_{69}		6 1.0	132°.01	0°.4/31.9	18
	h m	° ′			°	m
5 1	17 3.80	−21 0.1	1.774	2.655	12.9	20.9
5 11	16 56.79	−21 1.4	1.715	2.665	9.2	20.7
5 21	16 47.71	−21 0.1	1.679	2.675	4.9	20.5
5 31	16 37.47	−20 56.4	1.671	2.684	0.6	20.2
6 10	16 27.23	−20 51.4	1.689	2.693	4.1	20.5
6 20	16 18.08	−20 46.9	1.735	2.701	8.3	20.7
6 30	16 10.91	−20 45.2	1.805	2.709	12.0	21.0
7 10	16 6.27	−20 48.1	1.895	2.717	15.2	21.2
508107	2015 DD_{175}		6 1.0	347°.15	3°.5/ 2.6	17
5 1	16 59.48	−32 52.8	1.441	2.323	15.3	20.1
5 11	16 54.34	−32 21.6	1.370	2.315	11.5	19.8
5 21	16 46.60	−31 32.4	1.321	2.309	7.3	19.6
5 31	16 37.37	−30 25.3	1.296	2.303	3.8	19.3
6 10	16 28.10	−29 4.2	1.295	2.298	5.2	19.4
6 20	16 20.15	−27 35.8	1.320	2.295	9.5	19.6
6 30	16 14.62	−26 8.4	1.367	2.292	13.7	19.9
7 10	16 12.11	−24 49.1	1.434	2.289	17.4	20.1
219558	2001 RE_{142}		6 1.0	212°.74	10°.2/25.4	18
5 1	16 59.82	+ 8 9.5	2.381	3.192	12.4	21.1
5 11	16 53.60	+ 9 45.1	2.321	3.184	11.1	21.0
5 21	16 45.88	+11 5.4	2.284	3.175	10.3	21.0
5 31	16 37.31	+12 4.8	2.273	3.165	10.3	20.9
6 10	16 28.64	+12 39.8	2.286	3.154	11.3	21.0
6 20	16 20.62	+12 49.4	2.322	3.142	12.7	21.1
6 30	16 13.92	+12 34.9	2.378	3.130	14.4	21.2
7 10	16 9.01	+11 59.6	2.451	3.117	16.0	21.3
272760	2005 YG_{152}		6 1.0	10°.33	6°.4/31.0	18
5 1	17 0.85	− 5 40.1	1.622	2.499	14.2	19.7
5 11	16 54.81	− 5 34.0	1.562	2.500	10.9	19.5
5 21	16 46.70	− 5 40.5	1.524	2.501	7.8	19.4
5 31	16 37.38	− 6 2.3	1.511	2.502	6.4	19.3
6 10	16 27.98	− 6 40.1	1.523	2.503	7.8	19.4
6 20	16 19.55	− 7 32.8	1.561	2.505	10.9	19.5
6 30	16 13.01	− 8 37.9	1.621	2.506	14.2	19.8
7 10	16 8.94	− 9 52.3	1.701	2.508	17.2	20.0
18710	1998 HF_{100}		6 1.0	55°.16	2°.6/31.4	18
5 1	17 0.85	−16 14.3	1.547	2.439	13.9	17.5
5 11	16 54.78	−16 0.8	1.499	2.454	9.9	17.3
5 21	16 46.62	−15 49.2	1.474	2.469	5.6	17.1
5 31	16 37.37	−15 41.4	1.474	2.484	2.6	16.9
6 10	16 28.21	−15 38.9	1.500	2.500	5.2	17.1
6 20	16 20.23	−15 43.2	1.551	2.515	9.3	17.4
6 30	16 14.31	−15 55.1	1.625	2.531	13.0	17.6
7 10	16 10.94	−16 14.8	1.719	2.547	16.2	17.9
24975	1998 HO_{38}		6 1.0	305°.47	0°.4/31.9	18
5 1	17 2.01	−22 37.3	1.152	2.056	16.7	18.5
5 11	16 56.59	−22 16.2	1.084	2.045	12.0	18.2
5 21	16 48.05	−21 48.0	1.035	2.034	6.5	17.8
5 31	16 37.52	−21 14.1	1.010	2.023	0.7	17.4
6 10	16 26.69	−20 37.8	1.007	2.013	5.6	17.7
6 20	16 17.22	−20 3.8	1.028	2.003	11.4	18.0
6 30	16 10.50	−19 37.4	1.069	1.994	16.6	18.2
7 10	16 7.33	−19 22.1	1.127	1.985	21.0	18.5
475136	2005 UY_{337}		6 1.0	275°.99	3°.1/30.5	18
5 1	16 57.14	−14 48.7	2.283	3.164	10.4	22.2
5 11	16 51.82	−13 59.0	2.203	3.151	7.6	22.0
5 21	16 44.97	−13 9.6	2.148	3.138	4.6	21.7
5 31	16 37.23	−12 23.2	2.121	3.125	3.1	21.6
6 10	16 29.39	−11 42.9	2.122	3.112	5.0	21.7
6 20	16 22.21	−11 11.1	2.149	3.099	8.0	21.9
6 30	16 16.37	−10 49.8	2.202	3.086	11.1	22.0
7 10	16 12.35	−10 39.6	2.275	3.072	13.7	22.2
187096	2005 QZ_{12}		6 1.0	308°.28	0°.9/31.8	18
5 1	16 59.97	−21 11.8	1.406	2.304	14.6	20.5
5 11	16 54.79	−20 52.1	1.327	2.285	10.5	20.2
5 21	16 46.97	−20 27.9	1.268	2.266	5.7	19.9
5 31	16 37.43	−20 0.5	1.234	2.248	1.0	19.5
6 10	16 27.53	−19 32.6	1.225	2.230	5.1	19.7
6 20	16 18.64	−19 7.7	1.240	2.212	10.3	19.9
6 30	16 11.99	−18 49.7	1.277	2.195	15.0	20.2
7 10	16 8.36	−18 41.2	1.332	2.178	19.0	20.4
504040	2005 UW_{309}		6 1.0	235°.68	0°.5/ 1.2	17
5 1	17 2.84	−23 31.0	2.019	2.895	11.8	23.0
5 11	16 56.19	−23 36.0	1.935	2.883	8.5	22.7
5 21	16 47.47	−23 36.8	1.876	2.870	4.7	22.5
5 31	16 37.47	−23 32.9	1.843	2.857	0.7	22.1
6 10	16 27.23	−23 25.0	1.839	2.843	3.8	22.3
6 20	16 17.77	−23 14.9	1.862	2.829	7.8	22.6
6 30	16 10.03	−23 5.2	1.910	2.814	11.5	22.8
7 10	16 4.66	−22 58.5	1.980	2.799	14.7	22.9

2020	α_{2000}	δ_{2000}	Δ	r	β	V
343793 2011 GR_{58}			6 1.0 353°.30	3°.9/31.1 16		
	h m	° ′			°	m
5 1	16 56.40	−14 38.9	1.246	2.153	15.4	20.2
5 11	16 52.21	−14 14.5	1.185	2.146	11.2	19.9
5 21	16 45.51	−13 54.0	1.145	2.140	6.7	19.6
5 31	16 37.29	−13 40.7	1.127	2.136	3.9	19.5
6 10	16 28.91	−13 37.4	1.133	2.132	6.7	19.6
6 20	16 21.69	−13 45.8	1.162	2.130	11.2	19.9
6 30	16 16.73	−14 6.6	1.211	2.130	15.6	20.1
7 10	16 14.69	−14 38.9	1.278	2.131	19.3	20.4
491658 2012 TG_{287}			6 1.0 186°.44	1°.0/ 1.4 17		
5 1	17 1.07	−25 13.8	2.352	3.223	10.6	22.3
5 11	16 54.62	−25 22.3	2.278	3.222	7.6	22.1
5 21	16 46.49	−25 26.0	2.229	3.222	4.2	21.9
5 31	16 37.38	−25 24.4	2.208	3.221	1.2	21.6
6 10	16 28.17	−25 18.0	2.216	3.219	3.3	21.8
6 20	16 19.71	−25 8.4	2.252	3.218	6.7	22.0
6 30	16 12.76	−24 57.9	2.313	3.215	9.9	22.2
7 10	16 7.82	−24 48.9	2.397	3.213	12.6	22.4
361083 2006 BU_{107}			6 1.0 114°.44	1°.8/31.6 17		
5 1	17 4.68	−18 21.9	1.416	2.307	15.0	21.4
5 11	16 57.74	−18 12.3	1.362	2.317	10.6	21.2
5 21	16 48.33	−18 2.4	1.330	2.326	5.8	20.9
5 31	16 37.55	−17 53.4	1.323	2.336	1.8	20.7
6 10	16 26.80	−17 47.0	1.342	2.345	5.2	20.9
6 20	16 17.39	−17 45.3	1.387	2.354	9.9	21.2
6 30	16 10.34	−17 50.2	1.453	2.362	14.1	21.5
7 10	16 6.25	−18 2.8	1.539	2.370	17.6	21.7
241508 2009 DJ_{16}			6 1.0 262°.12	1°.3/31.6 17		
5 1	16 59.15	−19 14.5	2.067	2.950	11.3	20.8
5 11	16 53.41	−18 58.2	1.990	2.942	8.0	20.6
5 21	16 45.90	−18 40.4	1.938	2.933	4.4	20.4
5 31	16 37.33	−18 22.2	1.913	2.925	1.3	20.1
6 10	16 28.64	−18 5.5	1.915	2.917	4.0	20.3
6 20	16 20.70	−17 52.1	1.944	2.908	7.8	20.5
6 30	16 14.33	−17 44.0	1.998	2.900	11.2	20.7
7 10	16 10.06	−17 42.5	2.073	2.891	14.2	20.9
80601 2000 AL_{149}			6 1.0 261°.91	3°.8/30.6 18		
5 1	17 2.13	−14 12.8	1.778	2.661	12.8	19.6
5 11	16 55.86	−13 30.7	1.690	2.639	9.4	19.4
5 21	16 47.38	−12 49.4	1.625	2.615	5.8	19.1
5 31	16 37.48	−12 12.1	1.587	2.592	3.8	18.9
6 10	16 27.25	−11 42.2	1.575	2.567	6.2	19.0
6 20	16 17.78	−11 22.7	1.590	2.542	10.1	19.2
6 30	16 10.08	−11 15.5	1.628	2.516	14.0	19.4
7 10	16 4.86	−11 21.5	1.685	2.490	17.4	19.5
101505 1998 XM_{16}			6 1.0 152°.39	4°.8/30.9 18		
5 1	17 1.86	− 4 32.8	2.578	3.429	10.4	19.7
5 11	16 54.87	− 4 38.5	2.515	3.437	8.0	19.5
5 21	16 46.50	− 4 53.4	2.478	3.445	5.8	19.4
5 31	16 37.39	− 5 18.4	2.469	3.453	4.8	19.4
6 10	16 28.26	− 5 54.0	2.489	3.460	5.8	19.4
6 20	16 19.80	− 6 39.2	2.538	3.466	8.0	19.6
6 30	16 12.63	− 7 32.8	2.613	3.472	10.4	19.7
7 10	16 7.19	− 8 32.9	2.711	3.477	12.5	19.9
138041 2000 DN_{21}			6 1.0 191°.00	3°.2/ 2.1 18		
5 1	17 4.68	−31 8.4	1.860	2.726	13.2	19.9
5 11	16 57.61	−31 13.2	1.788	2.725	9.8	19.7
5 21	16 48.25	−31 6.5	1.739	2.723	6.1	19.5
5 31	16 37.56	−30 47.0	1.716	2.722	3.3	19.3
6 10	16 26.77	−30 15.5	1.720	2.719	4.7	19.4
6 20	16 17.08	−29 35.4	1.751	2.717	8.3	19.6
6 30	16 9.47	−28 51.8	1.806	2.714	11.9	19.8
7 10	16 4.56	−28 9.7	1.883	2.710	15.1	20.0
440342 2004 TN_{213}			6 1.0 293°.30	5°.5/28.9 16		
5 1	16 56.34	− 8 22.4	2.241	3.116	10.8	21.0
5 11	16 51.29	− 7 11.2	2.161	3.099	8.3	20.8
5 21	16 44.72	− 6 4.1	2.107	3.081	6.2	20.6
5 31	16 37.26	− 5 5.4	2.079	3.064	5.5	20.6
6 10	16 29.66	− 4 18.8	2.078	3.046	7.0	20.6
6 20	16 22.68	− 3 46.9	2.104	3.028	9.6	20.8
6 30	16 17.00	− 3 31.0	2.152	3.011	12.3	20.9
7 10	16 13.13	− 3 30.5	2.221	2.993	14.7	21.0
469408 2001 UY_{215}			6 1.0 163°.24	3°.8/29.8 18		
5 1	16 57.80	−11 34.8	2.630	3.502	9.6	21.5
5 11	16 52.00	−10 32.9	2.566	3.506	7.1	21.3
5 21	16 44.97	− 9 33.4	2.528	3.510	4.7	21.1
5 31	16 37.28	− 8 39.5	2.519	3.514	3.8	21.1
6 10	16 29.61	− 7 54.0	2.539	3.517	5.2	21.2
6 20	16 22.60	− 7 18.9	2.587	3.520	7.6	21.3
6 30	16 16.79	− 6 55.4	2.659	3.522	10.1	21.5
7 10	16 12.58	− 6 43.6	2.754	3.525	12.2	21.7

2020	α_{2000}	δ_{2000}	Δ	r	β	V
391018 2005 SJ_{233}			6 1.0 299°.23	3°.5/ 1.9 18		
	h m	° ′			°	m
5 1	17 1.17	−30 58.6	2.167	3.031	11.6	20.6
5 11	16 55.04	−31 36.4	2.088	3.023	8.7	20.4
5 21	16 46.89	−32 6.2	2.032	3.014	5.7	20.2
5 31	16 37.47	−32 25.8	2.003	3.006	3.6	20.0
6 10	16 27.79	−32 34.4	2.002	2.998	4.7	20.1
6 20	16 18.88	−32 32.9	2.028	2.989	7.6	20.3
6 30	16 11.65	−32 24.4	2.078	2.981	10.8	20.4
7 10	16 6.75	−32 12.4	2.150	2.973	13.5	20.6
394721 2008 EM_{105}			6 1.0 355°.60	0°.4/ 1.1 16		
5 1	16 58.98	−22 47.0	2.013	2.895	11.6	21.1
5 11	16 53.36	−22 56.6	1.943	2.894	8.2	20.9
5 21	16 45.90	−23 3.1	1.898	2.893	4.5	20.7
5 31	16 37.37	−23 6.3	1.879	2.892	0.6	20.4
6 10	16 28.72	−23 6.7	1.887	2.892	3.6	20.6
6 20	16 20.90	−23 5.7	1.922	2.892	7.4	20.9
6 30	16 14.71	−23 5.3	1.982	2.892	10.9	21.1
7 10	16 10.71	−23 7.5	2.064	2.892	13.9	21.3
316315 2010 RO_{98}			6 1.0 238°.52	3°.5/ 2.1 17		
5 1	17 4.25	−30 35.0	1.510	2.388	15.0	20.9
5 11	16 57.72	−30 45.1	1.442	2.386	11.1	20.7
5 21	16 48.48	−30 42.8	1.396	2.384	6.9	20.4
5 31	16 37.62	−30 26.1	1.375	2.382	3.7	20.2
6 10	16 26.62	−29 56.0	1.379	2.380	5.3	20.3
6 20	16 16.91	−29 16.5	1.408	2.378	9.5	20.6
6 30	16 9.67	−28 33.4	1.460	2.376	13.6	20.8
7 10	16 5.55	−27 52.5	1.532	2.374	17.2	21.0
20300 Arjunsuri			6 1.0 117°.86	2°.9/ 1.6 18		
5 1	17 6.12	−27 53.5	1.529	2.408	14.8	18.0
5 11	16 58.93	−28 26.6	1.470	2.416	10.8	17.7
5 21	16 49.08	−28 51.2	1.433	2.423	6.5	17.5
5 31	16 37.68	−29 4.5	1.421	2.430	3.0	17.3
6 10	16 26.18	−29 6.2	1.436	2.437	5.1	17.4
6 20	16 15.99	−28 58.7	1.476	2.444	9.3	17.7
6 30	16 8.26	−28 46.1	1.539	2.451	13.3	18.0
7 10	16 3.62	−28 33.3	1.622	2.457	16.7	18.2
260557 2005 EQ_{204}			6 1.0 335°.88	0°.4/31.9 17		
5 1	16 56.82	−22 32.2	1.080	1.993	16.7	19.9
5 11	16 53.07	−22 12.9	1.010	1.976	12.0	19.5
5 21	16 46.26	−21 46.6	0.960	1.959	6.6	19.2
5 31	16 37.44	−21 15.0	0.931	1.944	0.7	18.7
6 10	16 28.23	−20 41.4	0.924	1.930	5.6	19.0
6 20	16 20.30	−20 10.7	0.938	1.918	11.5	19.3
6 30	16 15.05	−19 47.7	0.972	1.907	16.9	19.5
7 10	16 13.34	−19 35.9	1.023	1.898	21.4	19.8
94750 2001 XT_{85}			6 1.0 197°.81	3°.1/31.2 17		
5 1	17 3.99	−14 52.6	1.735	2.616	13.2	20.0
5 11	16 57.05	−14 31.5	1.665	2.613	9.5	19.7
5 21	16 47.96	−14 12.5	1.618	2.610	5.6	19.5
5 31	16 37.59	−13 57.7	1.599	2.606	3.1	19.3
6 10	16 27.08	−13 49.2	1.606	2.602	5.5	19.5
6 20	16 17.55	−13 48.6	1.639	2.596	9.5	19.7
6 30	16 9.95	−13 57.2	1.697	2.590	13.3	19.9
7 10	16 4.88	−14 15.1	1.774	2.584	16.5	20.1
261624 2005 YB_{24}			6 1.0 247°.46	5°.1/ 3.9 17		
5 1	17 3.35	−42 12.5	2.953	3.762	10.3	21.7
5 11	16 56.21	−42 8.6	2.855	3.744	8.4	21.5
5 21	16 47.36	−41 50.3	2.782	3.726	6.5	21.4
5 31	16 37.53	−41 15.7	2.735	3.707	5.2	21.3
6 10	16 27.62	−40 25.4	2.717	3.688	5.4	21.2
6 20	16 18.51	−39 21.8	2.727	3.668	6.9	21.3
6 30	16 10.94	−38 9.2	2.763	3.647	9.1	21.4
7 10	16 5.44	−36 52.8	2.824	3.627	11.2	21.5
500117 2012 BO_{125}			6 1.0 185°.49	3°.1/ 2.1 17		
5 1	17 5.26	−30 39.9	1.681	2.551	14.1	22.1
5 11	16 58.18	−30 38.4	1.611	2.551	10.4	21.8
5 21	16 48.63	−30 24.5	1.564	2.551	6.4	21.6
5 31	16 37.65	−29 57.0	1.543	2.551	3.2	21.4
6 10	16 26.60	−29 17.5	1.548	2.550	4.8	21.5
6 20	16 16.77	−28 30.1	1.580	2.548	8.8	21.7
6 30	16 9.23	−27 40.3	1.635	2.546	12.7	21.9
7 10	16 4.59	−26 53.9	1.712	2.544	16.1	22.2
365834 2011 TH_7			6 1.0 141°.07	1°.1/ 1.4 16		
5 1	17 5.69	−25 44.1	1.575	2.456	14.3	22.0
5 11	16 58.40	−25 33.6	1.516	2.464	10.3	21.8
5 21	16 48.69	−25 14.9	1.479	2.473	5.7	21.6
5 31	16 37.65	−24 47.9	1.468	2.481	1.3	21.3
6 10	16 26.66	−24 14.9	1.483	2.488	4.4	21.5
6 20	16 16.97	−23 39.8	1.525	2.494	8.9	21.8
6 30	16 9.61	−23 6.9	1.590	2.501	13.0	22.1
7 10	16 5.14	−22 40.3	1.676	2.506	16.5	22.3

2020	α_{2000}	δ_{2000}	Δ	r	β	V
436283 2010 CF_{185}		6 1.0 32°.62	5°.7/ 2.9 18			
	h m	° ′			°	m
5 1	17 2.95	−36 14.7	1.696	2.556	14.5	20.3
5 11	16 56.64	−36 41.4	1.634	2.561	11.3	20.1
5 21	16 47.83	−36 52.5	1.594	2.566	8.0	19.9
5 31	16 37.58	−36 45.0	1.578	2.571	5.8	19.8
6 10	16 27.27	−36 19.3	1.588	2.577	6.5	19.9
6 20	16 18.23	−35 38.9	1.622	2.583	9.3	20.0
6 30	16 11.54	−34 49.8	1.681	2.589	12.5	20.2
7 10	16 7.78	−33 58.4	1.759	2.596	15.5	20.4
470447 2007 YP_{21}		6 1.0 231°.25	1°.2/31.6 18			
5 1	16 59.42	−18 24.6	2.497	3.372	9.9	22.4
5 11	16 53.40	−18 15.1	2.413	3.361	7.0	22.2
5 21	16 45.85	−18 5.0	2.355	3.349	3.9	21.9
5 31	16 37.40	−17 55.0	2.325	3.337	1.3	21.7
6 10	16 28.79	−17 46.5	2.324	3.325	3.5	21.9
6 20	16 20.80	−17 40.6	2.352	3.312	6.8	22.1
6 30	16 14.09	−17 38.8	2.405	3.299	9.9	22.2
7 10	16 9.18	−17 42.2	2.480	3.285	12.5	22.4
108999 2001 PF_{63}		6 1.0 195°.28	7°.9/28.7 17			
5 1	16 59.85	− 2 2.6	1.959	2.820	12.8	20.1
5 11	16 53.83	− 0 55.6	1.899	2.818	10.4	19.9
5 21	16 46.10	+ 0 0.2	1.862	2.816	8.5	19.8
5 31	16 37.42	+ 0 39.8	1.850	2.814	8.0	19.7
6 10	16 28.69	+ 0 59.8	1.865	2.811	9.2	19.8
6 20	16 20.78	+ 0 59.3	1.903	2.807	11.5	19.9
6 30	16 14.43	+ 0 39.0	1.964	2.804	14.0	20.1
7 10	16 10.17	+ 0 1.7	2.044	2.800	16.3	20.3
293137 2006 XQ_{64}		6 1.0 85°.83	0°.4/31.9 18			
5 1	17 2.31	−18 40.6	2.271	3.144	10.8	19.7
5 11	16 55.52	−19 21.8	2.204	3.151	7.6	19.6
5 21	16 47.02	−20 4.1	2.163	3.157	4.1	19.3
5 31	16 37.51	−20 46.1	2.150	3.164	0.5	19.1
6 10	16 27.88	−21 27.0	2.167	3.171	3.4	19.3
6 20	16 18.98	−22 6.2	2.213	3.177	6.9	19.5
6 30	16 11.60	−22 44.2	2.285	3.184	10.1	19.8
7 10	16 6.24	−23 21.7	2.379	3.190	12.8	20.0
74827 1999 TW_{17}		6 1.0 273°.38	1°.4/31.7 18			
5 1	17 2.99	−19 15.9	1.617	2.504	13.6	19.8
5 11	16 56.78	−19 5.6	1.528	2.482	9.8	19.5
5 21	16 48.04	−18 53.7	1.463	2.459	5.4	19.2
5 31	16 37.62	−18 41.0	1.422	2.435	1.4	18.9
6 10	16 26.75	−18 29.3	1.408	2.411	4.9	19.1
6 20	16 16.71	−18 20.7	1.420	2.387	9.8	19.3
6 30	16 8.67	−18 18.0	1.455	2.362	14.2	19.5
7 10	16 3.44	−18 23.2	1.509	2.337	18.1	19.7
199642 2006 GF_{17}		6 1.0 206°.38	3°.3/30.7 18			
5 1	16 59.60	−13 53.7	2.129	3.008	11.2	20.7
5 11	16 53.61	−13 17.2	2.058	3.005	8.1	20.5
5 21	16 45.98	−12 42.7	2.012	3.001	5.0	20.3
5 31	16 37.41	−12 12.6	1.992	2.997	3.3	20.2
6 10	16 28.77	−11 49.3	2.001	2.992	5.2	20.3
6 20	16 20.89	−11 34.8	2.037	2.987	8.4	20.5
6 30	16 14.50	−11 30.3	2.097	2.982	11.5	20.7
7 10	16 10.10	−11 36.0	2.178	2.976	14.2	20.9
222479 2001 SH_{89}		6 1.0 299°.94	3°.8/ 2.1 17			
5 1	17 2.43	−31 11.6	1.525	2.403	14.8	20.7
5 11	16 56.57	−31 22.6	1.446	2.390	11.1	20.5
5 21	16 47.96	−31 20.9	1.389	2.376	7.1	20.2
5 31	16 37.61	−31 4.2	1.357	2.363	3.9	20.0
6 10	16 26.95	−30 33.1	1.350	2.351	5.5	20.1
6 20	16 17.43	−29 51.3	1.367	2.338	9.6	20.3
6 30	16 10.29	−29 4.7	1.407	2.326	13.9	20.5
7 10	16 6.29	−28 19.5	1.467	2.314	17.6	20.7
92188 1999 XC_{213}		6 1.0 227°.28	2°.3/30.9 18			
5 1	16 57.04	−14 59.7	2.745	3.620	9.1	20.3
5 11	16 51.56	−14 36.2	2.666	3.612	6.5	20.1
5 21	16 44.81	−14 13.8	2.613	3.603	3.9	19.9
5 31	16 37.31	−13 54.0	2.588	3.595	2.3	19.8
6 10	16 29.72	−13 38.4	2.592	3.586	3.9	19.9
6 20	16 22.69	−13 28.3	2.624	3.576	6.6	20.1
6 30	16 16.78	−13 24.8	2.682	3.566	9.3	20.2
7 10	16 12.43	−13 28.3	2.762	3.556	11.6	20.4
243046 2006 XV_{42}		6 1.0 261°.34	4°.0/30.8 18			
5 1	16 58.26	− 9 24.9	2.339	3.211	10.6	20.0
5 11	16 52.60	− 9 15.2	2.264	3.203	7.9	19.9
5 21	16 45.43	− 9 11.5	2.213	3.195	5.3	19.7
5 31	16 37.37	− 9 15.6	2.190	3.187	4.0	19.6
6 10	16 29.18	− 9 28.7	2.194	3.178	5.4	19.7
6 20	16 21.62	− 9 50.9	2.226	3.170	8.1	19.8
6 30	16 15.35	−10 22.1	2.282	3.161	10.9	20.0
7 10	16 10.88	−11 1.4	2.360	3.153	13.4	20.1

2020	α_{2000}	δ_{2000}	Δ	r	β	V
435745 2008 UX_{144}		6 1.0 224°.33	2°.8/30.8 17			
	h m	° ′			°	m
5 1	16 59.45	−16 36.2	1.958	2.842	11.8	21.2
5 11	16 53.62	−15 44.3	1.888	2.839	8.4	21.0
5 21	16 46.02	−14 51.5	1.843	2.836	4.9	20.8
5 31	16 37.43	−14 0.9	1.825	2.832	2.9	20.7
6 10	16 28.79	−13 16.0	1.834	2.829	5.1	20.8
6 20	16 21.01	−12 39.9	1.870	2.825	8.7	21.0
6 30	16 14.86	−12 14.8	1.930	2.821	12.0	21.2
7 10	16 10.85	−12 1.7	2.010	2.817	14.9	21.4
375976 2009 WJ_{233}		6 1.0 162°.51	3°.4/30.7 17			
5 1	17 0.57	−13 11.3	2.147	3.024	11.2	21.6
5 11	16 54.22	−12 36.3	2.084	3.029	8.1	21.4
5 21	16 46.28	−12 4.1	2.046	3.034	5.1	21.2
5 31	16 37.45	−11 37.0	2.035	3.038	3.4	21.1
6 10	16 28.63	−11 17.2	2.052	3.041	5.2	21.2
6 20	16 20.62	−11 6.5	2.096	3.044	8.3	21.4
6 30	16 14.12	−11 5.7	2.165	3.047	11.3	21.6
7 10	16 9.62	−11 14.8	2.255	3.049	13.9	21.8
491900 2013 CJ_{16}		6 1.0 108°.02	2°.7/ 2.2 17			
5 1	17 0.26	−31 25.1	2.393	3.253	10.8	21.4
5 11	16 54.04	−31 26.3	2.327	3.261	8.0	21.3
5 21	16 46.20	−31 18.2	2.286	3.270	5.0	21.1
5 31	16 37.47	−31 0.3	2.273	3.278	2.8	21.0
6 10	16 28.75	−30 33.6	2.287	3.286	3.8	21.0
6 20	16 20.89	−30 0.5	2.329	3.294	6.6	21.2
6 30	16 14.59	−29 24.6	2.397	3.302	9.5	21.4
7 10	16 10.33	−28 49.2	2.488	3.309	12.0	21.6
114423 2002 YD_{36}		6 1.0 154°.59	3°.3/31.4 18			
5 1	17 3.44	−11 56.2	1.983	2.856	12.1	19.3
5 11	16 56.40	−12 1.2	1.920	2.863	8.8	19.1
5 21	16 47.52	−12 11.7	1.881	2.869	5.4	18.9
5 31	16 37.60	−12 28.7	1.870	2.874	3.3	18.8
6 10	16 27.63	−12 52.4	1.886	2.879	5.2	18.9
6 20	16 18.53	−13 22.9	1.931	2.884	8.5	19.1
6 30	16 11.13	−13 59.8	2.000	2.888	11.8	19.3
7 10	16 5.94	−14 42.3	2.090	2.892	14.6	19.5
424006 2006 WZ_{56}		6 1.0 180°.35	0°.4/ 1.2 17			
5 1	17 3.44	−23 49.8	2.000	2.875	12.0	22.3
5 11	16 56.51	−23 43.9	1.929	2.876	8.5	22.1
5 21	16 47.62	−23 32.8	1.883	2.877	4.7	21.9
5 31	16 37.61	−23 16.7	1.864	2.877	0.6	21.6
6 10	16 27.53	−22 57.0	1.873	2.877	3.7	21.8
6 20	16 18.37	−22 36.0	1.909	2.876	7.7	22.0
6 30	16 11.01	−22 16.6	1.971	2.874	11.3	22.3
7 10	16 6.00	−22 1.5	2.054	2.872	14.3	22.5
218262 2003 BT_{11}		6 1.0 100°.49	1°.3/ 1.5 17			
5 1	17 3.35	−26 7.1	1.707	2.587	13.4	20.7
5 11	16 56.61	−26 4.0	1.651	2.599	9.6	20.5
5 21	16 47.70	−25 53.4	1.617	2.610	5.4	20.3
5 31	16 37.61	−25 35.0	1.609	2.622	1.5	20.0
6 10	16 27.59	−25 10.5	1.629	2.633	4.1	20.2
6 20	16 18.75	−24 43.1	1.674	2.644	8.3	20.5
6 30	16 12.02	−24 16.7	1.744	2.655	12.0	20.8
7 10	16 7.92	−23 54.5	1.834	2.666	15.2	21.0
192933 2000 AN_{111}		6 1.0 167°.29	5°.4/30.2 18			
5 1	16 59.64	− 5 26.1	2.345	3.207	10.9	20.9
5 11	16 53.47	− 4 59.8	2.283	3.210	8.5	20.7
5 21	16 45.85	− 4 41.9	2.245	3.214	6.3	20.6
5 31	16 37.45	− 4 34.8	2.235	3.217	5.4	20.5
6 10	16 29.01	− 4 40.1	2.252	3.219	6.6	20.6
6 20	16 21.29	− 4 58.0	2.296	3.221	8.8	20.7
6 30	16 14.90	− 5 27.8	2.364	3.223	11.3	20.9
7 10	16 10.31	− 6 7.9	2.453	3.224	13.5	21.1
296459 2009 HN_{79}		6 1.0 130°.84	4°.2/30.9 17			
5 1	17 2.44	−12 52.6	1.554	2.442	14.1	20.9
5 11	16 56.02	−12 23.0	1.497	2.447	10.3	20.7
5 21	16 47.42	−11 58.0	1.462	2.452	6.4	20.5
5 31	16 37.60	−11 40.6	1.453	2.457	4.2	20.3
6 10	16 27.77	−11 33.1	1.469	2.462	6.4	20.5
6 20	16 19.05	−11 37.0	1.511	2.466	10.3	20.7
6 30	16 12.39	−11 52.7	1.575	2.471	14.0	20.9
7 10	16 8.35	−12 19.5	1.659	2.475	17.2	21.2
282165 2001 SF_{227}		6 1.0 295°.96	1°.5/31.5 18			
5 1	16 58.77	−18 56.3	1.938	2.824	11.8	20.8
5 11	16 53.38	−18 36.5	1.852	2.805	8.4	20.6
5 21	16 46.04	−18 15.0	1.790	2.785	4.7	20.3
5 31	16 37.49	−17 53.3	1.754	2.766	1.5	20.0
6 10	16 28.69	−17 33.4	1.745	2.747	4.3	20.2
6 20	16 20.61	−17 17.6	1.763	2.727	8.3	20.4
6 30	16 14.14	−17 8.0	1.804	2.708	12.1	20.6
7 10	16 9.90	−17 6.2	1.867	2.689	15.3	20.7

2020	α_{2000}	δ_{2000}	Δ	r	β	V
236828	2007 RO_{61}		6 1.0 243°.15	2°.7/31.1 17		
	h m	° ′			°	m
5 1	16 59.42	−15 21.8	2.032	2.914	11.5	20.8
5 11	16 53.63	−14 56.0	1.958	2.907	8.3	20.6
5 21	16 46.08	−14 31.6	1.908	2.901	4.9	20.3
5 31	16 37.49	−14 10.4	1.886	2.894	2.7	20.2
6 10	16 28.79	−13 54.7	1.891	2.886	4.9	20.3
6 20	16 20.86	−13 46.1	1.922	2.879	8.3	20.5
6 30	16 14.49	−13 46.0	1.978	2.872	11.7	20.7
7 10	16 10.20	−13 54.8	2.055	2.864	14.6	20.9
342496	2008 UQ_{171}		6 1.0 263°.12	2°.0/ 1.6 17		
5 1	17 1.88	−27 7.5	1.888	2.764	12.5	21.0
5 11	16 55.68	−27 21.4	1.812	2.757	9.1	20.8
5 21	16 47.32	−27 28.3	1.759	2.750	5.3	20.6
5 31	16 37.64	−27 27.1	1.732	2.743	2.1	20.3
6 10	16 27.75	−27 18.0	1.733	2.736	4.1	20.5
6 20	16 18.77	−27 3.2	1.760	2.729	8.0	20.7
6 30	16 11.66	−26 45.9	1.811	2.721	11.7	20.9
7 10	16 7.05	−26 29.8	1.884	2.714	14.9	21.1
493229	2014 UZ_{69}		6 1.0 150°.90	0°.8/31.8 17		
5 1	17 4.11	−20 54.1	1.874	2.753	12.5	22.1
5 11	16 56.97	−20 36.1	1.812	2.762	8.8	21.9
5 21	16 47.86	−20 14.9	1.775	2.770	4.8	21.7
5 31	16 37.68	−19 51.5	1.765	2.778	0.9	21.4
6 10	16 27.53	−19 28.0	1.782	2.785	4.1	21.6
6 20	16 18.42	−19 6.8	1.827	2.792	8.1	21.9
6 30	16 11.20	−18 50.6	1.897	2.797	11.8	22.1
7 10	16 6.39	−18 41.4	1.988	2.802	14.8	22.4
278915	2008 TN_{157}		6 1.0 270°.70	6°.0/30.3 17		
5 1	17 0.54	− 6 33.3	1.927	2.798	12.5	20.9
5 11	16 54.59	− 6 5.7	1.843	2.778	9.7	20.7
5 21	16 46.70	− 5 46.8	1.783	2.757	7.1	20.5
5 31	16 37.59	− 5 40.0	1.749	2.737	6.0	20.4
6 10	16 28.19	− 5 47.5	1.741	2.716	7.5	20.4
6 20	16 19.46	− 6 10.2	1.759	2.695	10.4	20.5
6 30	16 12.30	− 6 47.5	1.800	2.673	13.6	20.7
7 10	16 7.33	− 7 37.6	1.861	2.651	16.6	20.9
418255	2008 DF_{88}		6 1.0 170°.12	2°.3/ 1.7 16		
5 1	17 5.90	−28 6.3	1.967	2.833	12.5	22.1
5 11	16 58.39	−28 25.6	1.897	2.837	9.1	21.9
5 21	16 48.72	−28 36.9	1.852	2.841	5.4	21.6
5 31	16 37.78	−28 38.8	1.834	2.844	2.4	21.5
6 10	16 26.73	−28 31.5	1.845	2.846	4.2	21.6
6 20	16 16.69	−28 16.9	1.882	2.847	7.9	21.8
6 30	16 8.62	−27 58.7	1.945	2.848	11.4	22.0
7 10	16 3.10	−27 40.8	2.030	2.848	14.4	22.2
429221	2009 XG_{24}		6 1.0 138°.83	3°.4/31.3 15		
5 1	17 2.80	−11 6.2	2.220	3.088	11.2	21.5
5 11	16 55.76	−11 9.7	2.160	3.100	8.2	21.3
5 21	16 47.13	−11 18.8	2.126	3.112	5.1	21.1
5 31	16 37.62	−11 34.1	2.120	3.123	3.4	21.0
6 10	16 28.12	−11 56.2	2.143	3.133	5.0	21.2
6 20	16 19.43	−12 24.9	2.194	3.143	7.9	21.4
6 30	16 12.26	−12 59.9	2.270	3.152	10.8	21.6
7 10	16 7.08	−13 40.5	2.368	3.161	13.4	21.7
326626	2002 RB_{223}		6 1.0 289°.98	2°.4/31.5 18		
5 1	17 1.94	−17 3.2	1.502	2.394	14.2	20.7
5 11	16 56.20	−16 51.7	1.415	2.370	10.3	20.4
5 21	16 47.84	−16 41.0	1.350	2.345	5.9	20.1
5 31	16 37.73	−16 32.6	1.310	2.321	2.4	19.8
6 10	16 27.10	−16 28.5	1.295	2.297	5.6	19.9
6 20	16 17.32	−16 30.7	1.305	2.272	10.5	20.1
6 30	16 9.61	−16 41.1	1.338	2.248	15.1	20.3
7 10	16 4.81	−17 0.8	1.389	2.223	19.0	20.5
296512	2009 KW_{19}		6 1.1 304°.68	3°.3/31.1 18		
5 1	16 58.70	−12 1.8	2.147	3.025	11.1	20.4
5 11	16 53.03	−11 55.8	2.077	3.022	8.1	20.2
5 21	16 45.74	−11 54.5	2.032	3.020	5.1	20.0
5 31	16 37.50	−11 59.5	2.013	3.017	3.3	19.8
6 10	16 29.16	−12 11.6	2.023	3.014	5.0	19.9
6 20	16 21.54	−12 31.4	2.059	3.012	8.1	20.1
6 30	16 15.35	−12 58.9	2.119	3.009	11.2	20.3
7 10	16 11.11	−13 33.4	2.201	3.007	13.8	20.5
64309	2001 UM_{30}		6 1.1 2°.34	5°.8/30.1 18		
5 1	16 57.79	− 6 49.6	1.978	2.853	12.1	18.5
5 11	16 52.42	− 6 13.2	1.916	2.853	9.3	18.3
5 21	16 45.41	− 5 45.2	1.878	2.853	6.8	18.2
5 31	16 37.47	− 5 28.9	1.866	2.853	5.8	18.1
6 10	16 29.49	− 5 26.5	1.880	2.853	7.2	18.2
6 20	16 22.29	− 5 38.5	1.919	2.854	9.8	18.3
6 30	16 16.60	− 6 4.6	1.982	2.854	12.6	18.5
7 10	16 12.91	− 6 42.8	2.064	2.855	15.1	18.7

2020	α_{2000}	δ_{2000}	Δ	r	β	V
506920	2008 EQ_{86}		6 1.1 132°.52	5°.2/ 3.2 18		
	h m	° ′			°	m
5 1	17 4.03	−39 58.3	2.748	3.569	10.7	21.9
5 11	16 56.76	−40 34.7	2.684	3.581	8.6	21.8
5 21	16 47.73	−40 58.5	2.644	3.593	6.6	21.7
5 31	16 37.70	−41 7.3	2.631	3.604	5.3	21.6
6 10	16 27.60	−41 0.9	2.645	3.614	5.6	21.7
6 20	16 18.35	−40 40.9	2.687	3.625	7.2	21.8
6 30	16 10.73	−40 10.9	2.755	3.634	9.2	21.9
7 10	16 5.24	−39 35.3	2.845	3.644	11.2	22.1
96028	2004 PD_{30}		6 1.1 276°.01	4°.4/30.2 18		
5 1	16 56.94	− 9 27.6	2.323	3.197	10.5	19.5
5 11	16 51.71	− 8 53.2	2.248	3.188	7.9	19.3
5 21	16 45.01	− 8 23.9	2.199	3.179	5.5	19.2
5 31	16 37.46	− 8 2.3	2.176	3.169	4.4	19.1
6 10	16 29.80	− 7 50.5	2.180	3.160	5.8	19.2
6 20	16 22.77	− 7 49.8	2.211	3.150	8.4	19.3
6 30	16 17.01	− 8 0.4	2.267	3.141	11.2	19.5
7 10	16 13.02	− 8 21.8	2.343	3.131	13.6	19.6
162484	2000 PD_{10}		6 1.1 310°.22	5°.1/ 1.8 18		
5 1	17 3.99	−30 28.4	1.242	2.130	16.8	19.0
5 11	16 58.38	−31 21.3	1.166	2.114	12.8	18.7
5 21	16 49.33	−32 4.3	1.111	2.099	8.3	18.4
5 31	16 37.91	−32 31.9	1.079	2.084	5.2	18.2
6 10	16 25.84	−32 41.4	1.070	2.070	7.0	18.2
6 20	16 15.01	−32 34.4	1.084	2.056	11.5	18.4
6 30	16 7.06	−32 16.3	1.119	2.042	16.2	18.7
7 10	16 2.99	−31 54.3	1.171	2.029	20.4	18.9
414469	2009 KK_{23}		6 1.1 150°.44	3°.0/31.4 17		
5 1	17 3.61	−14 41.9	1.619	2.504	13.8	21.4
5 11	16 56.88	−14 34.7	1.558	2.508	9.9	21.2
5 21	16 47.95	−14 30.9	1.520	2.512	5.8	21.0
5 31	16 37.74	−14 32.0	1.507	2.516	3.0	20.8
6 10	16 27.47	−14 39.3	1.522	2.520	5.5	21.0
6 20	16 18.27	−14 53.6	1.562	2.523	9.6	21.2
6 30	16 11.11	−15 15.5	1.626	2.526	13.4	21.4
7 10	16 6.57	−15 45.0	1.709	2.528	16.7	21.7
323719	2005 JT_{40}		6 1.1 145°.61	0°.8/ 1.3 17		
5 1	17 4.52	−23 32.4	1.617	2.500	13.9	21.6
5 11	16 57.68	−23 49.0	1.553	2.504	9.9	21.4
5 21	16 48.45	−24 1.2	1.513	2.508	5.5	21.1
5 31	16 37.80	−24 8.0	1.498	2.511	1.0	20.8
6 10	16 27.03	−24 9.7	1.510	2.514	4.3	21.1
6 20	16 17.40	−24 8.0	1.547	2.517	8.8	21.4
6 30	16 9.96	−24 5.9	1.609	2.520	12.9	21.6
7 10	16 5.33	−24 6.3	1.691	2.523	16.3	21.8
19830	2000 SC_{218}		6 1.1 311°.28	2°.7/31.7 18		
5 1	17 1.29	−16 6.9	1.190	2.094	16.2	16.9
5 11	16 56.29	−16 13.6	1.109	2.069	11.9	16.5
5 21	16 48.16	−16 25.0	1.047	2.045	6.8	16.2
5 31	16 37.81	−16 42.3	1.009	2.020	2.7	15.8
6 10	16 26.74	−17 6.3	0.993	1.997	6.3	16.0
6 20	16 16.63	−17 37.6	1.001	1.974	12.0	16.2
6 30	16 9.01	−18 16.9	1.028	1.952	17.3	16.4
7 10	16 4.92	−19 4.0	1.073	1.930	21.9	16.6
342762	2008 WW_{94}		6 1.1 239°.38	0°.1/ 1.0 17		
5 1	17 0.92	−21 55.4	1.907	2.789	12.1	21.0
5 11	16 54.86	−21 56.2	1.836	2.787	8.6	20.7
5 21	16 46.83	−21 54.0	1.790	2.785	4.7	20.5
5 31	16 37.65	−21 48.8	1.769	2.783	0.5	20.2
6 10	16 28.34	−21 41.8	1.776	2.781	3.8	20.4
6 20	16 19.92	−21 34.8	1.810	2.779	7.9	20.7
6 30	16 13.25	−21 29.8	1.869	2.776	11.5	20.9
7 10	16 8.91	−21 29.0	1.948	2.774	14.6	21.1
286425	2001 YZ_{156}		6 1.1 185°.30	0°.9/ 1.3 16		
5 1	17 5.65	−24 6.1	1.627	2.508	13.9	21.5
5 11	16 58.52	−24 14.5	1.559	2.508	10.0	21.3
5 21	16 48.93	−24 17.5	1.513	2.508	5.5	21.0
5 31	16 37.86	−24 14.1	1.494	2.507	1.1	20.7
6 10	16 26.64	−24 5.3	1.501	2.506	4.3	21.0
6 20	16 16.55	−23 53.2	1.535	2.504	8.9	21.2
6 30	16 8.67	−23 41.4	1.592	2.502	13.1	21.5
7 10	16 3.66	−23 33.2	1.670	2.499	16.6	21.7
116913	2004 GP_{12}		6 1.1 75°.40	1°.8/31.7 17		
5 1	17 2.44	−17 42.5	1.554	2.443	13.9	19.6
5 11	16 56.14	−17 41.4	1.496	2.450	9.9	19.4
5 21	16 47.57	−17 41.1	1.460	2.456	5.5	19.1
5 31	16 37.73	−17 42.5	1.451	2.463	1.8	18.9
6 10	16 27.85	−17 46.7	1.467	2.469	4.9	19.1
6 20	16 19.09	−17 54.9	1.509	2.476	9.3	19.4
6 30	16 12.44	−18 8.5	1.574	2.483	13.2	19.6
7 10	16 8.48	−18 28.2	1.659	2.489	16.6	19.9

2020	α_{2000}	δ_{2000}	Δ	r	β	V
508025 2015 BJ_{427} 6 1.1 356°.00 4°.7/30.9 17						
	h m	° ′			°	m
5 1	17 0.53	−11 3.7	1.657	2.543	13.5	20.6
5 11	16 54.66	−10 39.8	1.595	2.542	10.0	20.4
5 21	16 46.75	−10 22.4	1.555	2.542	6.5	20.2
5 31	16 37.66	−10 13.9	1.541	2.542	4.7	20.1
6 10	16 28.48	−10 16.7	1.553	2.542	6.6	20.2
6 20	16 20.26	−10 31.3	1.589	2.542	10.1	20.4
6 30	16 13.91	−10 57.9	1.649	2.542	13.6	20.6
7 10	16 9.99	−11 34.9	1.728	2.542	16.7	20.8
87609 2000 RL_{44} 6 1.1 312°.27 5°.6/ 2.6 18						
5 1	17 3.20	−33 55.5	1.264	2.146	17.0	18.7
5 11	16 57.71	−34 15.7	1.190	2.132	13.1	18.4
5 21	16 48.88	−34 18.8	1.135	2.118	8.9	18.1
5 31	16 37.88	−34 0.7	1.103	2.105	5.8	17.9
6 10	16 26.48	−33 21.3	1.094	2.092	7.0	17.9
6 20	16 16.48	−32 25.3	1.108	2.080	11.2	18.1
6 30	16 9.39	−31 21.0	1.143	2.068	15.8	18.3
7 10	16 6.05	−30 17.4	1.196	2.057	19.8	18.6
19895 5161 T-2 6 1.1 188°.40 5°.7/ 3.3 18						
5 1	17 5.86	−39 44.0	2.306	3.134	12.3	18.7
5 11	16 58.39	−40 10.1	2.230	3.133	9.8	18.6
5 21	16 48.76	−40 21.5	2.178	3.132	7.4	18.4
5 31	16 37.86	−40 15.2	2.152	3.130	5.9	18.3
6 10	16 26.85	−39 51.1	2.153	3.128	6.2	18.3
6 20	16 16.83	−39 11.6	2.181	3.125	8.2	18.4
6 30	16 8.76	−38 21.6	2.234	3.122	10.7	18.6
7 10	16 3.23	−37 26.9	2.309	3.119	13.2	18.8
134348 Klemperer 6 1.1 299°.69 3°.0/30.9 18						
5 1	16 59.04	−15 45.3	1.849	2.736	12.2	19.8
5 11	16 53.74	−15 11.3	1.755	2.707	8.9	19.5
5 21	16 46.37	−14 37.2	1.685	2.678	5.3	19.2
5 31	16 37.65	−14 5.6	1.641	2.648	3.0	19.0
6 10	16 28.56	−13 39.3	1.623	2.619	5.4	19.1
6 20	16 20.14	−13 21.2	1.631	2.590	9.4	19.3
6 30	16 13.34	−13 13.4	1.663	2.561	13.3	19.4
7 10	16 8.86	−13 16.9	1.715	2.532	16.7	19.6
96900 1999 TC_{69} 6 1.1 106°.17 0°.7/ 1.3 18						
5 1	17 4.83	−24 41.1	1.635	2.516	13.9	19.7
5 11	16 57.69	−24 31.8	1.582	2.532	9.9	19.5
5 21	16 48.34	−24 15.7	1.553	2.547	5.4	19.2
5 31	16 37.83	−23 53.3	1.549	2.562	0.9	18.9
6 10	16 27.43	−23 26.4	1.572	2.577	4.1	19.2
6 20	16 18.31	−22 58.6	1.622	2.591	8.5	19.5
6 30	16 11.40	−22 33.4	1.696	2.605	12.4	19.8
7 10	16 7.19	−22 14.0	1.790	2.619	15.6	20.0
79767 1998 UZ_{4} 6 1.1 125°.90 0°.3/ 1.0 18						
5 1	17 3.88	−21 29.3	1.798	2.678	12.8	19.7
5 11	16 56.92	−21 28.7	1.739	2.689	9.1	19.5
5 21	16 47.92	−21 24.9	1.705	2.700	4.9	19.2
5 31	16 37.80	−21 18.4	1.697	2.711	0.5	18.9
6 10	16 27.70	−21 10.3	1.717	2.721	4.0	19.2
6 20	16 18.67	−21 2.6	1.764	2.731	8.2	19.5
6 30	16 11.60	−20 57.5	1.835	2.740	11.8	19.7
7 10	16 7.01	−20 57.1	1.927	2.749	14.9	20.0
471843 2012 XH_{106} 6 1.1 148°.04 2°.8/ 2.5 18						
5 1	17 1.11	−33 7.0	2.777	3.625	9.8	21.9
5 11	16 54.52	−33 4.7	2.708	3.634	7.4	21.7
5 21	16 46.48	−32 52.9	2.665	3.642	4.8	21.5
5 31	16 37.66	−32 31.2	2.649	3.650	3.0	21.4
6 10	16 28.87	−32 0.6	2.662	3.658	3.7	21.5
6 20	16 20.84	−31 23.2	2.704	3.665	6.0	21.7
6 30	16 14.24	−30 42.3	2.773	3.671	8.5	21.8
7 10	16 9.48	−30 1.4	2.865	3.678	10.8	22.0
216645 2003 QD_{42} 6 1.1 281°.98 7°.0/29.4 18						
5 1	17 1.34	− 8 46.3	1.521	2.406	14.5	20.3
5 11	16 55.66	− 7 36.3	1.436	2.380	11.2	20.1
5 21	16 47.54	− 6 31.0	1.374	2.353	8.1	19.8
5 31	16 37.80	− 5 36.6	1.336	2.326	7.0	19.7
6 10	16 27.62	− 4 58.6	1.323	2.299	9.2	19.7
6 20	16 18.25	− 4 41.0	1.333	2.271	12.9	19.9
6 30	16 10.83	− 4 45.1	1.365	2.244	16.8	20.0
7 10	16 6.14	− 5 9.7	1.414	2.216	20.4	20.2
140380 2001 TF_{45} 6 1.1 267°.34 1°.3/ 1.5 18						
5 1	17 0.08	−26 4.1	2.133	3.008	11.3	20.3
5 11	16 54.17	−26 8.6	2.060	3.005	8.2	20.1
5 21	16 46.45	−26 7.3	2.011	3.003	4.6	19.9
5 31	16 37.67	−25 59.6	1.989	3.001	1.4	19.7
6 10	16 28.79	−25 46.5	1.995	2.999	3.6	19.8
6 20	16 20.71	−25 30.0	2.028	2.997	7.1	20.0
6 30	16 14.25	−25 12.6	2.086	2.995	10.5	20.2
7 10	16 9.96	−24 57.4	2.167	2.993	13.4	20.4

2020	α_{2000}	δ_{2000}	Δ	r	β	V
69475 1996 XE_{9} 6 1.1 188°.41 0°.6/ 1.3 18						
	h m	° ′			°	m
5 1	17 4.45	−25 17.0	1.904	2.778	12.5	20.0
5 11	16 57.37	−24 56.9	1.832	2.778	9.0	19.7
5 21	16 48.20	−24 29.4	1.783	2.777	5.0	19.5
5 31	16 37.84	−23 54.9	1.762	2.775	0.9	19.2
6 10	16 27.43	−23 15.7	1.768	2.773	3.9	19.4
6 20	16 18.02	−22 35.2	1.802	2.769	8.0	19.7
6 30	16 10.54	−21 57.4	1.861	2.766	11.8	19.9
7 10	16 5.54	−21 25.8	1.942	2.761	14.9	20.1
222660 2001 XL_{217} 6 1.1 198°.38 1°.2/31.7 18						
5 1	17 2.10	−18 48.0	2.099	2.976	11.4	21.1
5 11	16 55.55	−18 41.2	2.025	2.973	8.1	20.9
5 21	16 47.18	−18 33.5	1.975	2.970	4.4	20.6
5 31	16 37.75	−18 25.7	1.954	2.966	1.3	20.4
6 10	16 28.19	−18 19.1	1.960	2.962	3.9	20.6
6 20	16 19.44	−18 15.1	1.994	2.957	7.7	20.8
6 30	16 12.28	−18 15.4	2.054	2.952	11.1	21.0
7 10	16 7.28	−18 21.2	2.135	2.946	14.0	21.2
233689 2008 SE_{4} 6 1.1 236°.51 1°.2/31.7 18						
5 1	17 1.20	−19 11.2	2.069	2.949	11.4	21.0
5 11	16 55.00	−19 0.4	1.989	2.938	8.2	20.8
5 21	16 46.93	−18 48.4	1.933	2.928	4.5	20.6
5 31	16 37.73	−18 35.9	1.904	2.917	1.2	20.3
6 10	16 28.35	−18 24.4	1.903	2.905	4.0	20.5
6 20	16 19.71	−18 15.6	1.930	2.893	7.8	20.7
6 30	16 12.67	−18 11.4	1.981	2.881	11.4	20.9
7 10	16 7.79	−18 13.3	2.054	2.869	14.4	21.1
176330 2001 SB_{271} 6 1.1 198°.27 0°.6/31.8 18						
5 1	16 59.09	−21 1.7	2.615	3.489	9.5	21.3
5 11	16 53.13	−20 42.1	2.539	3.486	6.8	21.1
5 21	16 45.77	−20 19.8	2.488	3.483	3.6	20.9
5 31	16 37.61	−19 55.8	2.465	3.479	0.7	20.7
6 10	16 29.39	−19 31.6	2.472	3.475	3.1	20.9
6 20	16 21.81	−19 9.1	2.507	3.470	6.3	21.1
6 30	16 15.51	−18 50.1	2.569	3.465	9.2	21.3
7 10	16 10.92	−18 36.3	2.653	3.459	11.7	21.4
367099 2006 RV_{5} 6 1.1 308°.77 1°.2/ 1.4 18						
5 1	17 1.08	−25 7.4	1.293	2.190	15.7	20.5
5 11	16 56.10	−25 5.4	1.206	2.163	11.5	20.2
5 21	16 48.05	−24 55.2	1.140	2.136	6.5	19.8
5 31	16 37.87	−24 36.1	1.096	2.109	1.4	19.4
6 10	16 27.05	−24 9.3	1.077	2.083	5.2	19.6
6 20	16 17.21	−23 38.5	1.081	2.057	10.8	19.8
6 30	16 9.87	−23 8.9	1.106	2.032	16.1	20.0
7 10	16 5.99	−22 45.8	1.148	2.007	20.6	20.2
502160 2015 BW_{48} 6 1.1 176°.97 5°.1/30.4 17						
5 1	17 2.38	− 8 47.7	2.022	2.892	12.1	21.9
5 11	16 55.65	− 8 11.6	1.957	2.894	9.1	21.7
5 21	16 47.19	− 7 42.1	1.918	2.896	6.3	21.5
5 31	16 37.76	− 7 21.9	1.905	2.897	5.1	21.4
6 10	16 28.28	− 7 13.5	1.920	2.898	6.6	21.5
6 20	16 19.64	− 7 17.7	1.961	2.898	9.5	21.7
6 30	16 12.62	− 7 34.6	2.026	2.897	12.4	21.9
7 10	16 7.71	− 8 3.0	2.112	2.895	15.1	22.1
41986 Fort Bend 6 1.1 92°.34 0°.4/ 1.2 18						
5 1	17 2.56	−23 4.0	1.862	2.742	12.5	18.9
5 11	16 55.94	−23 9.5	1.807	2.757	8.8	18.7
5 21	16 47.38	−23 10.9	1.776	2.771	4.8	18.5
5 31	16 37.77	−23 8.2	1.771	2.785	0.6	18.2
6 10	16 28.20	−23 2.2	1.794	2.799	3.8	18.5
6 20	16 19.67	−22 54.9	1.844	2.812	7.7	18.7
6 30	16 13.03	−22 48.6	1.918	2.826	11.3	19.0
7 10	16 8.76	−22 45.7	2.014	2.839	14.3	19.2
216060 2006 QN_{2} 6 1.1 278°.07 3°.0/31.2 17						
5 1	17 1.62	−16 28.9	1.484	2.377	14.3	20.1
5 11	16 55.78	−16 0.8	1.414	2.369	10.3	19.9
5 21	16 47.53	−15 33.2	1.366	2.361	6.0	19.6
5 31	16 37.80	−15 8.8	1.343	2.353	3.0	19.4
6 10	16 27.88	−14 50.4	1.346	2.345	5.8	19.6
6 20	16 19.01	−14 40.5	1.373	2.337	10.3	19.8
6 30	16 12.25	−14 41.2	1.423	2.330	14.5	20.0
7 10	16 8.29	−14 53.0	1.491	2.322	18.1	20.2
387478 2013 YD_{12} 6 1.1 214°.52 1°.0/ 1.5 17						
5 1	17 2.06	−25 54.1	1.997	2.872	12.0	21.7
5 11	16 55.66	−25 42.8	1.921	2.867	8.6	21.5
5 21	16 47.30	−25 24.4	1.869	2.863	4.8	21.3
5 31	16 37.78	−24 59.0	1.845	2.858	1.2	21.0
6 10	16 28.15	−24 28.4	1.848	2.852	3.7	21.2
6 20	16 19.42	−23 55.2	1.878	2.846	7.6	21.4
6 30	16 12.46	−23 23.3	1.933	2.840	11.2	21.6
7 10	16 7.84	−22 55.7	2.010	2.834	14.3	21.8

499292 2009 WR_5 6 1.1 157°.24 1°.0/31.7 17

2020	α_{2000} (h m)	δ_{2000} (° ′)	Δ	r	β (°)	V (m)
5 1	17 2.22	−19 1.9	2.605	3.473	9.7	22.4
5 11	16 55.26	−18 56.3	2.539	3.483	6.9	22.2
5 21	16 46.88	−18 49.7	2.499	3.493	3.7	22.1
5 31	16 37.73	−18 42.6	2.488	3.501	1.0	21.9
6 10	16 28.57	−18 36.1	2.508	3.509	3.3	22.0
6 20	16 20.13	−18 31.3	2.556	3.515	6.4	22.3
6 30	16 13.04	−18 29.6	2.631	3.521	9.2	22.4
7 10	16 7.73	−18 32.1	2.729	3.527	11.7	22.6

429625 2011 FE_{54} 6 1.1 23°.24 8°.9/28.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	16 58.84	− 2 5.8	1.621	2.493	14.4	20.7
5 11	16 53.43	− 0 57.4	1.568	2.494	11.7	20.6
5 21	16 46.08	− 0 2.9	1.538	2.496	9.5	20.4
5 31	16 37.66	+ 0 32.2	1.531	2.498	8.9	20.4
6 10	16 29.22	+ 0 44.2	1.549	2.501	10.3	20.5
6 20	16 21.76	+ 0 32.5	1.589	2.503	12.8	20.7
6 30	16 16.11	− 0 1.1	1.650	2.506	15.5	20.8
7 10	16 12.79	− 0 52.7	1.729	2.509	18.0	21.0

418942 2009 DC_{95} 6 1.1 46°.44 4°.6/31.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 1.83	−13 9.0	1.264	2.162	15.9	20.5
5 11	16 55.96	−12 41.2	1.214	2.170	11.6	20.3
5 21	16 47.58	−12 19.1	1.186	2.178	7.1	20.1
5 31	16 37.80	−12 6.0	1.181	2.187	4.6	20.0
6 10	16 28.06	−12 4.5	1.200	2.196	7.0	20.1
6 20	16 19.67	−12 15.7	1.243	2.205	11.3	20.4
6 30	16 13.66	−12 39.7	1.307	2.215	15.4	20.7
7 10	16 10.62	−13 14.9	1.388	2.224	18.9	20.9

185753 1999 RM_{193} 6 1.1 237°.71 3°.4/30.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 2.65	−14 43.9	1.853	2.734	12.5	21.3
5 11	16 56.18	−14 7.7	1.772	2.720	9.1	21.0
5 21	16 47.65	−13 32.6	1.715	2.705	5.5	20.8
5 31	16 37.83	−13 1.2	1.684	2.690	3.4	20.6
6 10	16 27.78	−12 36.4	1.681	2.674	5.7	20.7
6 20	16 18.55	−12 20.5	1.704	2.657	9.5	20.9
6 30	16 11.05	−12 15.5	1.751	2.640	13.1	21.1
7 10	16 5.94	−12 21.9	1.818	2.622	16.4	21.3

470411 2007 UH_{133} 6 1.1 211°.02 0°.5/31.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	16 59.90	−21 21.0	2.172	3.051	11.0	21.9
5 11	16 53.96	−21 6.1	2.098	3.048	7.8	21.7
5 21	16 46.32	−20 48.1	2.050	3.045	4.2	21.5
5 31	16 37.70	−20 27.9	2.028	3.042	0.6	21.2
6 10	16 29.00	−20 7.2	2.035	3.038	3.6	21.4
6 20	16 21.07	−19 48.0	2.069	3.035	7.2	21.6
6 30	16 14.68	−19 32.5	2.129	3.031	10.6	21.8
7 10	16 10.32	−19 22.6	2.210	3.027	13.4	22.0

323043 2002 RK_{56} 6 1.1 294°.10 3°.8/ 2.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 3.21	−31 5.3	1.475	2.355	15.2	20.2
5 11	16 57.31	−31 14.4	1.396	2.340	11.4	20.0
5 21	16 48.55	−31 10.5	1.338	2.325	7.2	19.7
5 31	16 37.95	−30 51.2	1.304	2.311	4.0	19.5
6 10	16 26.99	−30 17.1	1.295	2.296	5.6	19.5
6 20	16 17.19	−29 31.9	1.310	2.282	9.9	19.7
6 30	16 9.86	−28 42.2	1.348	2.268	14.3	19.9
7 10	16 5.76	−27 54.3	1.406	2.254	18.1	20.1

195320 2002 EY_{116} 6 1.1 315°.68 1°.2/ 1.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 1.49	−24 51.9	1.675	2.560	13.4	20.7
5 11	16 55.61	−25 0.9	1.603	2.554	9.6	20.5
5 21	16 47.42	−25 4.3	1.555	2.550	5.4	20.2
5 31	16 37.83	−25 1.3	1.532	2.545	1.3	19.9
6 10	16 28.05	−24 52.6	1.535	2.540	4.2	20.1
6 20	16 19.27	−24 40.5	1.564	2.536	8.6	20.4
6 30	16 12.51	−24 28.2	1.617	2.531	12.6	20.6
7 10	16 8.43	−24 18.8	1.690	2.527	16.0	20.8

481887 2009 AG_{13} 6 1.1 179°.19 1°.0/31.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	16 53.89	−17 41.6	4.165	5.035	6.4	23.3
5 11	16 49.09	−17 29.0	4.091	5.036	4.5	23.2
5 21	16 43.48	−17 16.2	4.044	5.036	2.5	23.0
5 31	16 37.43	−17 3.9	4.026	5.037	1.0	22.9
6 10	16 31.36	−16 53.1	4.038	5.037	2.3	23.0
6 20	16 25.66	−16 44.4	4.080	5.036	4.3	23.1
6 30	16 20.69	−16 38.6	4.149	5.036	6.2	23.3
7 10	16 16.73	−16 36.4	4.242	5.035	7.9	23.4

267305 2001 SX_{243} 6 1.1 180°.25 2°.2/31.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 1.87	−16 22.0	2.190	3.066	11.0	22.2
5 11	16 55.26	−15 58.1	2.121	3.067	7.9	22.0
5 21	16 46.99	−15 34.7	2.076	3.068	4.5	21.8
5 31	16 37.79	−15 13.3	2.060	3.069	2.2	21.7
6 10	16 28.53	−14 55.8	2.071	3.068	4.4	21.8
6 20	16 20.06	−14 43.9	2.111	3.067	7.8	22.0
6 30	16 13.12	−14 39.2	2.176	3.065	10.9	22.2
7 10	16 8.21	−14 42.2	2.262	3.063	13.7	22.4

436244 2010 BO_4 6 1.1 67°.73 3°.0/ 2.2 17

2020	α_{2000} (h m)	δ_{2000} (° ′)	Δ	r	β (°)	V (m)
5 1	17 2.87	−30 43.4	1.743	2.615	13.6	20.9
5 11	16 56.34	−30 41.3	1.690	2.631	10.0	20.7
5 21	16 47.65	−30 27.5	1.659	2.646	6.1	20.5
5 31	16 37.85	−30 1.6	1.655	2.662	3.1	20.3
6 10	16 28.16	−29 25.5	1.676	2.678	4.5	20.5
6 20	16 19.72	−28 43.0	1.724	2.693	8.1	20.7
6 30	16 13.39	−27 59.1	1.796	2.709	11.6	20.9
7 10	16 9.70	−27 18.2	1.889	2.725	14.7	21.2

494430 2016 UD_{86} 6 1.1 266°.27 1°.0/ 1.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	16 59.45	−25 40.6	2.304	3.178	10.7	21.8
5 11	16 53.69	−25 40.2	2.222	3.168	7.7	21.6
5 21	16 46.22	−25 34.3	2.165	3.157	4.3	21.4
5 31	16 37.72	−25 22.8	2.135	3.147	1.2	21.1
6 10	16 29.07	−25 6.5	2.133	3.137	3.3	21.3
6 20	16 21.11	−24 47.4	2.158	3.126	6.8	21.5
6 30	16 14.63	−24 28.0	2.209	3.116	10.1	21.6
7 10	16 10.16	−24 11.0	2.283	3.105	12.9	21.8

289576 2005 ES_{312} 6 1.1 315°.95 6°.3/ 2.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 1.94	−33 44.7	1.223	2.109	17.2	19.9
5 11	16 57.17	−34 22.9	1.139	2.083	13.4	19.6
5 21	16 48.85	−34 46.3	1.075	2.057	9.3	19.2
5 31	16 38.02	−34 49.1	1.032	2.033	6.4	19.0
6 10	16 26.42	−34 29.1	1.011	2.008	7.7	19.0
6 20	16 15.99	−33 49.0	1.013	1.985	12.0	19.1
6 30	16 8.50	−32 56.3	1.035	1.962	16.8	19.3
7 10	16 5.01	−32 0.4	1.074	1.941	21.2	19.5

34448 2000 SC_{78} 6 1.1 79°.76 5°.2/ 2.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 2.77	−37 14.0	2.187	3.031	12.3	18.7
5 11	16 56.23	−37 43.8	2.121	3.037	9.6	18.6
5 21	16 47.63	−38 0.5	2.079	3.043	7.0	18.4
5 31	16 37.86	−38 1.5	2.062	3.049	5.3	18.3
6 10	16 28.01	−37 46.7	2.072	3.055	5.8	18.4
6 20	16 19.15	−37 18.5	2.108	3.061	8.0	18.5
6 30	16 12.16	−36 41.2	2.169	3.067	10.6	18.7
7 10	16 7.61	−36 0.0	2.252	3.072	13.1	18.9

415122 2012 DE_{22} 6 1.1 74°.39 0°.2/ 1.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 5.16	−21 59.9	1.434	2.323	15.0	20.9
5 11	16 58.17	−22 15.2	1.387	2.341	10.6	20.7
5 21	16 48.72	−22 27.1	1.363	2.359	5.7	20.5
5 31	16 37.97	−22 34.8	1.364	2.378	0.6	20.2
6 10	16 27.32	−22 39.1	1.391	2.396	4.5	20.5
6 20	16 18.07	−22 41.6	1.443	2.414	9.2	20.8
6 30	16 11.23	−22 45.2	1.518	2.432	13.3	21.1
7 10	16 7.33	−22 52.0	1.613	2.450	16.7	21.4

166491 2002 PQ_{161} 6 1.1 286°.37 1°.8/ 1.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 1.00	−27 11.7	1.886	2.763	12.5	20.7
5 11	16 55.14	−27 14.2	1.806	2.752	9.1	20.5
5 21	16 47.13	−27 9.1	1.750	2.742	5.3	20.2
5 31	16 37.83	−26 55.7	1.720	2.731	1.9	20.0
6 10	16 28.31	−26 35.0	1.717	2.720	4.0	20.1
6 20	16 19.67	−26 9.4	1.740	2.710	8.0	20.3
6 30	16 12.87	−25 42.6	1.787	2.699	11.7	20.5
7 10	16 8.54	−25 18.3	1.856	2.689	15.0	20.7

370154 2001 XA_{259} 6 1.1 179°.19 2°.7/31.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 1.55	−14 16.6	2.380	3.252	10.4	22.8
5 11	16 54.93	−13 52.4	2.310	3.254	7.5	22.6
5 21	16 46.78	−13 30.1	2.266	3.255	4.5	22.4
5 31	16 37.79	−13 11.3	2.250	3.256	2.7	22.3
6 10	16 28.74	−12 57.7	2.263	3.256	4.5	22.4
6 20	16 20.42	−12 50.7	2.304	3.255	7.5	22.6
6 30	16 13.50	−12 51.3	2.371	3.253	10.4	22.8
7 10	16 8.44	−12 59.8	2.460	3.251	13.0	23.0

340327 2006 DN_{36} 6 1.1 281°.64 5°.7/26.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	16 50.53	+ 7 42.4	4.454	5.258	7.2	20.9
5 11	16 46.71	+ 8 29.1	4.397	5.255	6.4	20.8
5 21	16 42.20	+ 9 6.8	4.364	5.251	5.8	20.8
5 31	16 37.33	+ 9 33.7	4.357	5.248	5.8	20.8
6 10	16 32.43	+ 9 48.5	4.376	5.245	6.3	20.8
6 20	16 27.84	+ 9 51.0	4.419	5.242	7.1	20.8
6 30	16 23.86	+ 9 41.4	4.484	5.239	8.0	20.9
7 10	16 20.75	+ 9 21.1	4.569	5.236	9.0	21.0

12262 Nishio 6 1.1 209°.00 1°.4/31.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 0.10	−19 12.9	2.264	3.142	10.7	18.1
5 11	16 54.04	−18 44.6	2.188	3.137	7.6	17.9
5 21	16 46.36	−18 14.4	2.138	3.132	4.2	17.7
5 31	16 37.76	−17 43.6	2.115	3.127	1.4	17.5
6 10	16 29.08	−17 14.5	2.121	3.121	3.8	17.7
6 20	16 21.13	−16 49.3	2.154	3.115	7.3	17.9
6 30	16 14.63	−16 30.0	2.213	3.109	10.5	18.1
7 10	16 10.09	−16 18.3	2.294	3.102	13.3	18.2

35201 1994 PW_6 6 1.1 236°.82 0°.1/ 1.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 1	16 59.08	−23 1.6	2.597	3.470	9.6	20.2
5 11	16 53.25	−22 52.6	2.512	3.459	6.9	20.0
5 21	16 45.92	−22 39.9	2.453	3.448	3.7	19.8
5 31	16 37.72	−22 23.9	2.422	3.436	0.4	19.5
6 10	16 29.39	−22 5.9	2.420	3.424	3.0	19.7
6 20	16 21.66	−21 47.4	2.446	3.412	6.3	19.9
6 30	16 15.20	−21 30.6	2.499	3.399	9.3	20.1
7 10	16 10.50	−21 17.2	2.574	3.387	11.9	20.2

102845 1999 VP_{198} 6 1.1 279°.80 4°.4/30.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 0.06	−11 15.9	1.852	2.733	12.5	20.1
5 11	16 54.38	−10 51.9	1.771	2.717	9.3	19.8
5 21	16 46.72	−10 33.0	1.714	2.700	6.1	19.6
5 31	16 37.81	−10 21.8	1.682	2.683	4.4	19.5
6 10	16 28.65	−10 20.7	1.678	2.666	6.2	19.5
6 20	16 20.23	−10 30.7	1.699	2.650	9.7	19.7
6 30	16 13.44	−10 52.5	1.743	2.632	13.2	19.9
7 10	16 8.92	−11 25.1	1.807	2.615	16.3	20.1

134693 1999 XP_{67} 6 1.1 144°.99 1°.0/31.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 3.79	−20 13.4	1.849	2.728	12.6	20.3
5 11	16 56.84	−19 55.7	1.788	2.738	8.9	20.1
5 21	16 47.91	−19 35.4	1.751	2.746	4.8	19.8
5 31	16 37.92	−19 13.7	1.742	2.755	1.1	19.6
6 10	16 27.94	−18 52.7	1.760	2.762	4.2	19.8
6 20	16 19.01	−18 34.7	1.805	2.769	8.2	20.1
6 30	16 11.95	−18 22.0	1.874	2.776	11.8	20.3
7 10	16 7.30	−18 16.3	1.965	2.782	14.9	20.5

215639 2003 TW_{58} 6 1.1 178°.90 0°.2/ 1.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 5.20	−21 50.7	1.656	2.537	13.7	20.5
5 11	16 58.22	−22 10.0	1.588	2.539	9.8	20.3
5 21	16 48.85	−22 26.9	1.544	2.539	5.3	20.0
5 31	16 38.03	−22 40.2	1.526	2.540	0.6	19.7
6 10	16 27.03	−22 50.2	1.535	2.540	4.3	19.9
6 20	16 17.10	−22 57.8	1.570	2.539	8.8	20.2
6 30	16 9.28	−23 5.5	1.630	2.538	12.9	20.4
7 10	16 4.25	−23 15.6	1.709	2.537	16.3	20.7

475035 2005 UH_{39} 6 1.1 288°.66 2°.4/ 1.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 2.60	−27 10.2	2.217	3.084	11.2	21.3
5 11	16 56.21	−27 57.3	2.125	3.065	8.3	21.0
5 21	16 47.76	−28 40.4	2.059	3.047	5.0	20.8
5 31	16 37.93	−29 17.0	2.020	3.028	2.5	20.6
6 10	16 27.68	−29 45.7	2.009	3.009	4.1	20.7
6 20	16 18.02	−30 6.3	2.026	2.990	7.5	20.9
6 30	16 9.92	−30 20.7	2.069	2.971	10.8	21.0
7 10	16 4.08	−30 31.6	2.133	2.952	13.8	21.2

335812 2007 JR_{10} 6 1.1 349°.34 0°.7/31.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	16 56.90	−22 18.9	1.239	2.146	15.5	19.7
5 11	16 52.82	−21 50.2	1.174	2.137	11.1	19.4
5 21	16 46.09	−21 15.2	1.130	2.129	6.0	19.1
5 31	16 37.76	−20 36.0	1.109	2.122	0.9	18.7
6 10	16 29.25	−19 56.4	1.111	2.117	5.1	19.0
6 20	16 21.95	−19 21.0	1.136	2.112	10.4	19.3
6 30	16 17.03	−18 54.1	1.182	2.110	15.1	19.5
7 10	16 15.16	−18 38.3	1.245	2.108	19.1	19.8

101870 1999 NV 6 1.1 246°.15 5°.0/29.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	16 57.84	− 3 25.7	3.063	3.911	9.0	19.9
5 11	16 52.16	− 2 58.1	2.974	3.891	7.2	19.7
5 21	16 45.28	− 2 37.7	2.912	3.869	5.6	19.6
5 31	16 37.67	− 2 26.7	2.877	3.848	5.0	19.5
6 10	16 29.92	− 2 26.6	2.870	3.825	6.0	19.6
6 20	16 22.59	− 2 38.1	2.891	3.802	7.8	19.7
6 30	16 16.21	− 3 1.0	2.938	3.778	9.8	19.8
7 10	16 11.21	− 3 34.3	3.006	3.754	11.8	19.9

175258 2005 JL_{83} 6 1.1 102°.83 0°.9/31.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 4.23	−20 20.4	1.576	2.462	14.0	21.0
5 11	16 57.36	−20 10.9	1.523	2.476	9.9	20.8
5 21	16 48.26	−19 59.0	1.493	2.489	5.3	20.6
5 31	16 37.96	−19 45.7	1.489	2.502	1.0	20.3
6 10	16 27.74	−19 32.6	1.512	2.515	4.5	20.6
6 20	16 18.75	−19 22.2	1.560	2.528	8.9	20.9
6 30	16 11.93	−19 16.8	1.632	2.540	12.9	21.1
7 10	16 7.81	−19 18.0	1.724	2.552	16.2	21.4

192010 2005 YA_{42} 6 1.1 287°.19 0°.4/ 1.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 1.48	−23 33.9	1.710	2.595	13.1	20.8
5 11	16 55.56	−23 31.0	1.637	2.589	9.4	20.6
5 21	16 47.40	−23 23.0	1.588	2.583	5.2	20.3
5 31	16 37.90	−23 10.0	1.564	2.577	0.7	20.0
6 10	16 28.22	−22 53.4	1.566	2.571	4.1	20.2
6 20	16 19.51	−22 35.7	1.595	2.566	8.5	20.4
6 30	16 12.77	−22 20.0	1.647	2.560	12.5	20.7
7 10	16 8.63	−22 9.1	1.720	2.554	15.9	20.9

89882 2002 CS_{221} 6 1.1 247°.54 6°.6/ 2.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 1	17 6.76	−39 35.0	2.082	2.914	13.2	19.4
5 11	16 59.51	−40 21.9	1.996	2.901	10.7	19.2
5 21	16 49.67	−40 54.3	1.933	2.886	8.2	19.0
5 31	16 38.14	−41 7.9	1.895	2.872	6.7	18.9
6 10	16 26.20	−41 0.8	1.884	2.857	7.2	18.9
6 20	16 15.19	−40 34.8	1.898	2.841	9.4	19.0
6 30	16 6.29	−39 54.7	1.937	2.825	12.1	19.1
7 10	16 0.27	−39 7.1	1.997	2.809	14.8	19.3

262530 2006 UT_{329} 6 1.1 226°.32 4°.1/ 2.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 1.95	−35 21.4	2.412	3.258	11.2	20.8
5 11	16 55.53	−35 36.8	2.332	3.253	8.6	20.6
5 21	16 47.25	−35 40.9	2.276	3.247	6.0	20.4
5 31	16 37.88	−35 31.8	2.247	3.241	4.2	20.3
6 10	16 28.37	−35 9.9	2.245	3.235	4.8	20.3
6 20	16 19.67	−34 37.2	2.271	3.228	7.2	20.5
6 30	16 12.61	−33 57.6	2.323	3.222	9.9	20.6
7 10	16 7.74	−33 15.4	2.397	3.215	12.5	20.8

98854 2001 AU_{36} 6 1.1 51°.51 5°.5/ 2.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 5.80	−34 36.4	1.513	2.379	15.6	18.9
5 11	16 58.73	−35 14.0	1.473	2.405	11.9	18.8
5 21	16 49.06	−35 35.6	1.455	2.431	8.1	18.6
5 31	16 38.06	−35 38.4	1.461	2.457	5.6	18.5
6 10	16 27.26	−35 22.9	1.492	2.484	6.4	18.6
6 20	16 18.04	−34 53.2	1.548	2.511	9.5	18.9
6 30	16 11.41	−34 15.5	1.627	2.538	12.8	19.1
7 10	16 7.89	−33 36.1	1.726	2.565	15.7	19.4

414083 2007 TZ_{126} 6 1.1 258°.88 0°.7/ 1.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 4.57	−23 40.3	1.558	2.442	14.2	22.2
5 11	16 58.10	−23 45.2	1.476	2.428	10.3	21.9
5 21	16 48.96	−23 45.0	1.417	2.412	5.7	21.6
5 31	16 38.08	−23 38.9	1.383	2.397	0.9	21.2
6 10	16 26.81	−23 27.7	1.376	2.381	4.6	21.5
6 20	16 16.52	−23 13.7	1.393	2.364	9.5	21.7
6 30	16 8.44	−23 0.5	1.435	2.347	14.0	21.9
7 10	16 3.35	−22 51.9	1.495	2.330	17.9	22.1

8719 Vesmír 6 1.1 298°.41 3°.5/30.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	16 59.53	−17 3.8	1.658	2.549	13.1	17.4
5 11	16 54.23	−15 54.2	1.573	2.527	9.5	17.1
5 21	16 46.73	−14 40.6	1.512	2.505	5.7	16.8
5 31	16 37.86	−13 27.5	1.476	2.483	3.5	16.7
6 10	16 28.73	−12 20.2	1.466	2.461	6.2	16.8
6 20	16 20.44	−11 23.8	1.482	2.439	10.3	17.0
6 30	16 14.00	−10 42.2	1.521	2.417	14.4	17.1
7 10	16 10.08	−10 17.1	1.579	2.396	17.9	17.3

371585 2006 WO_7 6 1.1 322°.89 3°.8/30.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	16 59.22	−15 54.4	1.299	2.201	15.2	20.8
5 11	16 54.39	−15 12.8	1.229	2.188	11.1	20.5
5 21	16 46.96	−14 31.7	1.180	2.175	6.6	20.2
5 31	16 37.89	−13 54.9	1.154	2.163	3.8	20.0
6 10	16 28.55	−13 26.6	1.153	2.151	6.7	20.2
6 20	16 20.30	−13 10.4	1.174	2.140	11.4	20.4
6 30	16 14.32	−13 8.5	1.216	2.130	15.9	20.6
7 10	16 11.33	−13 21.0	1.276	2.120	19.8	20.9

125939 2001 XT_{240} 6 1.1 190°.39 0°.1/ 1.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 2.79	−21 41.8	2.057	2.933	11.6	20.4
5 11	16 56.14	−21 43.9	1.984	2.932	8.3	20.2
5 21	16 47.60	−21 43.3	1.936	2.931	4.5	20.0
5 31	16 37.94	−21 39.9	1.915	2.929	0.5	19.6
6 10	16 28.16	−21 34.5	1.923	2.927	3.6	19.9
6 20	16 19.22	−21 28.8	1.958	2.924	7.5	20.1
6 30	16 11.96	−21 24.9	2.018	2.921	11.0	20.3
7 10	16 6.93	−21 24.8	2.100	2.917	14.0	20.5

177788 2005 LB_{19} 6 1.1 220°.59 4°.9/30.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 1.95	−10 48.7	1.611	2.495	13.9	20.6
5 11	16 55.82	−10 22.5	1.547	2.493	10.3	20.4
5 21	16 47.52	−10 2.9	1.505	2.491	6.7	20.2
5 31	16 37.94	− 9 52.8	1.488	2.488	4.9	20.1
6 10	16 28.24	− 9 54.5	1.497	2.485	6.9	20.2
6 20	16 19.53	−10 8.9	1.531	2.483	10.5	20.4
6 30	16 12.75	−10 35.9	1.588	2.480	14.1	20.6
7 10	16 8.51	−11 14.1	1.664	2.477	17.3	20.8

242196 2003 PT_9 6 1.1 244°.39 12°.1/26.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 2.78	+11 8.4	2.078	2.878	14.4	20.6
5 11	16 56.15	+12 24.4	2.006	2.857	13.0	20.5
5 21	16 47.65	+13 21.0	1.955	2.835	12.2	20.3
5 31	16 37.97	+13 51.9	1.927	2.812	12.2	20.3
6 10	16 28.04	+13 53.1	1.922	2.789	13.1	20.3
6 20	16 18.78	+13 24.2	1.939	2.764	14.7	20.4
6 30	16 11.04	+12 27.5	1.976	2.738	16.6	20.5
7 10	16 5.41	+11 7.8	2.029	2.712	18.5	20.6

87312 Akirasuzuki 6 1.1 137°.61 6°.9/ 3.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 1	17 8.19	−41 9.9	2.032	2.859	13.7	18.0
5 11	17 0.32	−41 48.8	1.969	2.868	11.1	17.9
5 21	16 49.97	−42 10.5	1.929	2.877	8.6	17.7
5 31	16 38.20	−42 11.1	1.914	2.886	7.0	17.6
6 10	16 26.37	−41 50.2	1.924	2.894	7.3	17.7
6 20	16 15.80	−41 10.9	1.961	2.902	9.2	17.8
6 30	16 7.54	−40 19.0	2.022	2.909	11.8	18.0
7 10	16 2.19	−39 21.6	2.105	2.916	14.2	18.1

111328 2001 XZ_{85} 6 1.1 164°.29 1°.0/31.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 2.09	−20 4.1	2.157	3.033	11.2	20.4
5 11	16 55.47	−19 43.9	2.090	3.038	7.9	20.2
5 21	16 47.16	−19 21.5	2.048	3.042	4.3	20.0
5 31	16 37.91	−18 57.9	2.034	3.046	1.1	19.7
6 10	16 28.65	−18 35.1	2.048	3.050	3.8	19.9
6 20	16 20.23	−18 15.0	2.090	3.053	7.4	20.2
6 30	16 13.40	−17 59.9	2.158	3.055	10.7	20.4
7 10	16 8.66	−17 51.3	2.247	3.057	13.5	20.6

350096 2011 NT_{1} 6 1.1 339°.04 5°.9/29.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	16 57.45	− 6 29.7	2.105	2.977	11.6	20.1
5 11	16 52.19	− 5 37.9	2.043	2.976	9.0	19.9
5 21	16 45.39	− 4 53.8	2.005	2.976	6.7	19.8
5 31	16 37.74	− 4 21.0	1.993	2.975	5.9	19.7
6 10	16 30.04	− 4 2.2	2.007	2.974	7.2	19.8
6 20	16 23.08	− 3 58.6	2.047	2.974	9.7	20.0
6 30	16 17.53	− 4 10.3	2.110	2.973	12.3	20.1
7 10	16 13.86	− 4 35.6	2.193	2.973	14.7	20.3

384970 2012 TS_{157} 6 1.1 319°.47 2°.3/ 1.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 1.71	−27 56.9	1.797	2.674	13.0	20.7
5 11	16 55.72	−28 11.5	1.725	2.671	9.5	20.4
5 21	16 47.51	−28 18.2	1.677	2.667	5.7	20.2
5 31	16 37.96	−28 15.7	1.654	2.664	2.5	20.0
6 10	16 28.24	−28 4.5	1.657	2.660	4.3	20.1
6 20	16 19.50	−27 46.7	1.687	2.657	8.2	20.3
6 30	16 12.71	−27 26.1	1.741	2.654	11.9	20.5
7 10	16 8.52	−27 6.5	1.816	2.651	15.2	20.8

186389 2002 JL_{117} 6 1.1 96°.16 3°.1/31.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 0.28	−10 55.1	2.395	3.264	10.4	20.0
5 11	16 54.04	−11 7.7	2.333	3.274	7.6	19.9
5 21	16 46.35	−11 25.8	2.297	3.283	4.8	19.7
5 31	16 37.85	−11 50.1	2.289	3.292	3.1	19.6
6 10	16 29.31	−12 20.5	2.310	3.301	4.6	19.7
6 20	16 21.47	−12 56.8	2.358	3.310	7.3	19.9
6 30	16 14.98	−13 38.4	2.433	3.319	10.1	20.1
7 10	16 10.27	−14 24.4	2.530	3.327	12.5	20.3

165626 2001 FX_{135} 6 1.1 355°.18 12°.2/ 5.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 3.20	−48 4.2	1.399	2.228	18.7	17.9
5 11	16 58.09	−49 9.2	1.336	2.222	16.2	17.7
5 21	16 49.30	−49 47.0	1.292	2.217	13.9	17.6
5 31	16 38.17	−49 50.1	1.266	2.214	12.4	17.5
6 10	16 26.75	−49 16.1	1.262	2.211	12.4	17.5
6 20	16 17.09	−48 9.0	1.279	2.210	13.9	17.6
6 30	16 10.79	−46 38.4	1.315	2.211	16.2	17.7
7 10	16 8.58	−44 56.0	1.370	2.212	18.8	17.9

4682 Bykov 6 1.1 210°.29 2°.2/ 1.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 6.29	−28 22.5	1.824	2.693	13.2	18.5
5 11	16 58.98	−28 23.9	1.745	2.687	9.7	18.3
5 21	16 49.30	−28 15.9	1.690	2.680	5.7	18.0
5 31	16 38.16	−27 57.2	1.662	2.672	2.3	17.8
6 10	16 26.83	−27 28.9	1.661	2.663	4.3	17.9
6 20	16 16.52	−26 54.1	1.687	2.654	8.4	18.1
6 30	16 8.29	−26 17.3	1.737	2.644	12.3	18.3
7 10	16 2.81	−25 43.2	1.809	2.633	15.7	18.5

89283 2001 VJ_{17} 6 1.1 155°.45 6°.4/30.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 0.53	− 1 33.1	2.236	3.088	11.8	18.5
5 11	16 54.30	− 1 30.9	2.172	3.088	9.4	18.4
5 21	16 46.53	− 1 41.3	2.131	3.089	7.3	18.2
5 31	16 37.87	− 2 6.2	2.117	3.090	6.4	18.2
6 10	16 29.15	− 2 46.0	2.130	3.090	7.3	18.2
6 20	16 21.14	− 3 39.9	2.169	3.091	9.5	18.4
6 30	16 14.53	− 4 45.6	2.234	3.092	11.9	18.5
7 10	16 9.78	− 6 0.3	2.319	3.092	14.2	18.7

295054 2008 EU_{114} 6 1.1 210°.20 4°.3/ 3.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 1.75	−36 35.5	2.539	3.379	10.9	21.0
5 11	16 55.34	−36 48.1	2.460	3.376	8.5	20.9
5 21	16 47.16	−36 48.9	2.406	3.372	6.0	20.7
5 31	16 37.96	−36 36.3	2.378	3.369	4.4	20.6
6 10	16 28.66	−36 10.6	2.378	3.365	4.9	20.6
6 20	16 20.16	−35 34.1	2.406	3.361	7.0	20.8
6 30	16 13.25	−34 50.6	2.459	3.356	9.6	20.9
7 10	16 8.45	−34 4.4	2.536	3.352	11.9	21.1

394715 2008 EZ_{45} 6 1.1 75°.03 3°.7/30.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 1	16 58.79	−12 52.6	2.232	3.110	10.8	21.3
5 11	16 52.90	−11 58.3	2.189	3.134	7.8	21.1
5 21	16 45.67	−11 7.2	2.171	3.157	5.0	21.0
5 31	16 37.79	−10 22.4	2.181	3.180	3.7	21.0
6 10	16 30.06	− 9 46.4	2.218	3.204	5.3	21.1
6 20	16 23.18	− 9 21.1	2.283	3.227	8.0	21.3
6 30	16 17.73	− 9 7.4	2.372	3.249	10.6	21.5
7 10	16 14.08	− 9 4.8	2.482	3.272	12.9	21.7

75112 1999 VN_{56} 6 1.1 225°.70 2°.0/ 1.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 5.32	−26 3.8	1.693	2.570	13.7	19.1
5 11	16 58.46	−26 29.3	1.618	2.564	9.9	18.8
5 21	16 49.11	−26 48.7	1.566	2.558	5.8	18.6
5 31	16 38.17	−27 0.1	1.540	2.551	2.1	18.3
6 10	16 26.94	−27 3.2	1.541	2.544	4.5	18.5
6 20	16 16.72	−26 59.5	1.568	2.537	8.8	18.7
6 30	16 8.63	−26 52.3	1.619	2.529	12.9	18.9
7 10	16 3.39	−26 45.7	1.691	2.521	16.3	19.1

439413 2013 CY_{63} 6 1.1 304°.52 5°.7/29.8 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	16 57.00	− 6 24.4	2.193	3.065	11.2	21.0
5 11	16 51.88	− 5 39.7	2.126	3.059	8.7	20.9
5 21	16 45.25	− 5 2.5	2.083	3.054	6.5	20.7
5 31	16 37.77	− 4 36.2	2.066	3.049	5.7	20.7
6 10	16 30.22	− 4 23.1	2.076	3.044	7.0	20.7
6 20	16 23.33	− 4 24.4	2.111	3.039	9.4	20.9
6 30	16 17.79	− 4 39.9	2.170	3.034	12.0	21.0
7 10	16 14.05	− 5 8.3	2.249	3.030	14.3	21.2

96790 1999 RW_{109} 6 1.1 245°.77 6°.2/ 3.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 5.73	−40 17.5	2.138	2.968	13.0	20.2
5 11	16 58.63	−40 37.8	2.052	2.955	10.5	20.0
5 21	16 49.15	−40 41.9	1.988	2.942	8.0	19.8
5 31	16 38.19	−40 26.5	1.950	2.929	6.3	19.7
6 10	16 27.00	−39 51.2	1.938	2.915	6.7	19.7
6 20	16 16.82	−38 58.9	1.952	2.900	8.8	19.8
6 30	16 8.70	−37 55.1	1.992	2.885	11.6	19.9
7 10	16 3.33	−36 46.5	2.053	2.870	14.3	20.1

480109 2015 FT_{69} 6 1.1 355°.70 13°.1/31.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	16 56.22	+ 5 35.0	1.180	2.051	18.8	19.3
5 11	16 52.27	+ 5 55.2	1.126	2.041	16.2	19.1
5 21	16 45.82	+ 5 45.3	1.089	2.034	14.0	18.9
5 31	16 37.85	+ 4 59.3	1.072	2.028	13.1	18.9
6 10	16 29.70	+ 3 35.9	1.075	2.025	13.9	18.9
6 20	16 22.67	+ 1 39.4	1.098	2.024	16.2	19.0
6 30	16 17.86	− 0 42.4	1.140	2.024	19.0	19.2
7 10	16 15.97	− 3 19.5	1.200	2.027	21.8	19.4

280630 2004 XJ_{142} 6 1.1 229°.09 1°.1/ 1.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 2.58	−24 39.6	1.994	2.869	12.0	21.2
5 11	16 56.18	−24 54.2	1.917	2.863	8.6	21.0
5 21	16 47.74	−25 4.2	1.864	2.857	4.8	20.7
5 31	16 38.05	−25 8.6	1.839	2.851	1.2	20.5
6 10	16 28.16	−25 7.9	1.841	2.845	3.7	20.6
6 20	16 19.10	−25 3.4	1.870	2.838	7.7	20.9
6 30	16 11.78	−24 57.7	1.924	2.831	11.3	21.1
7 10	16 6.83	−24 53.6	2.000	2.824	14.4	21.3

278071 2007 AL_{4} 6 1.1 103°.98 5°.0/ 2.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 7.22	−35 25.3	1.805	2.658	14.1	20.6
5 11	16 59.55	−35 46.6	1.751	2.676	10.8	20.4
5 21	16 49.51	−35 52.9	1.720	2.693	7.4	20.3
5 31	16 38.22	−35 41.9	1.715	2.710	5.1	20.2
6 10	16 27.02	−35 14.3	1.736	2.727	5.8	20.2
6 20	16 17.18	−34 33.8	1.783	2.743	8.7	20.4
6 30	16 9.66	−33 46.3	1.855	2.759	11.8	20.7
7 10	16 5.01	−32 57.8	1.948	2.774	14.6	20.9

250346 2003 SM_{195} 6 1.1 270°.81 1°.6/ 1.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 3.83	−27 25.3	1.535	2.417	14.5	20.7
5 11	16 57.63	−27 7.5	1.452	2.401	10.6	20.4
5 21	16 48.74	−26 38.7	1.392	2.385	6.1	20.1
5 31	16 38.16	−25 58.5	1.357	2.369	1.8	19.8
6 10	16 27.26	−25 9.2	1.347	2.352	4.6	19.9
6 20	16 17.45	−24 15.5	1.363	2.336	9.5	20.1
6 30	16 9.93	−23 23.3	1.402	2.319	14.0	20.4
7 10	16 5.45	−22 38.0	1.461	2.302	17.9	20.6

237242 2008 WM_{36} 6 1.1 153°.11 0°.3/ 1.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 0.89	−22 13.5	2.005	2.885	11.7	21.6
5 11	16 54.79	−21 55.9	1.938	2.888	8.3	21.4
5 21	16 46.88	−21 34.2	1.895	2.891	4.5	21.2
5 31	16 37.95	−21 9.6	1.879	2.893	0.5	20.9
6 10	16 28.99	−20 43.8	1.891	2.895	3.7	21.1
6 20	16 20.91	−20 19.4	1.930	2.897	7.6	21.4
6 30	16 14.51	−19 58.9	1.993	2.899	11.0	21.6
7 10	16 10.31	−19 44.5	2.078	2.900	14.0	21.8

2020	α_{2000}	δ_{2000}	Δ	r	β	V
230893 2004 TH_2			6 1.1 205°.38	1°.8/ 1.7 18		
	h m	° ′			°	m
5 1	17 3.10	−26 51.9	1.962	2.834	12.3	20.7
5 11	16 56.57	−27 5.0	1.888	2.832	8.9	20.4
5 21	16 47.94	−27 11.3	1.838	2.829	5.2	20.2
5 31	16 38.07	−27 9.9	1.815	2.826	1.9	20.0
6 10	16 28.04	−27 1.1	1.820	2.823	3.9	20.1
6 20	16 18.91	−26 47.0	1.851	2.820	7.8	20.3
6 30	16 11.61	−26 30.6	1.908	2.816	11.3	20.5
7 10	16 6.74	−26 15.4	1.986	2.812	14.4	20.7
70943 1999 WM_9			6 1.1 224°.72	2°.2/31.3 18		
5 1	17 0.03	−17 37.5	1.922	2.806	11.9	19.9
5 11	16 54.23	−17 2.3	1.853	2.804	8.5	19.7
5 21	16 46.60	−16 26.2	1.808	2.802	4.8	19.4
5 31	16 37.93	−15 51.5	1.790	2.800	2.2	19.3
6 10	16 29.19	−15 20.7	1.798	2.797	4.7	19.4
6 20	16 21.31	−14 56.6	1.834	2.795	8.4	19.6
6 30	16 15.10	−14 41.2	1.894	2.792	11.9	19.8
7 10	16 11.08	−14 35.5	1.974	2.789	14.9	20.0
250710 2005 RF_{32}			6 1.1 289°.41	0°.8/31.8 18		
5 1	16 58.99	−20 33.4	2.134	3.015	11.0	20.6
5 11	16 53.54	−20 17.5	2.045	2.995	7.9	20.4
5 21	16 46.28	−19 59.0	1.980	2.976	4.3	20.1
5 31	16 37.91	−19 38.8	1.943	2.956	0.9	19.8
6 10	16 29.30	−19 18.6	1.933	2.936	3.8	20.0
6 20	16 21.35	−19 0.4	1.950	2.916	7.6	20.2
6 30	16 14.87	−18 46.5	1.992	2.896	11.1	20.4
7 10	16 10.46	−18 38.7	2.056	2.877	14.2	20.6
255503 2006 BS_{17}			6 1.1 210°.63	3°.0/ 2.6 18		
5 1	17 0.08	−33 38.2	2.971	3.816	9.3	21.4
5 11	16 53.94	−33 47.4	2.888	3.811	7.1	21.2
5 21	16 46.34	−33 48.0	2.831	3.805	4.8	21.1
5 31	16 37.91	−33 38.8	2.801	3.799	3.1	20.9
6 10	16 29.37	−33 20.4	2.800	3.793	3.8	21.0
6 20	16 21.46	−32 54.3	2.828	3.786	5.9	21.1
6 30	16 14.81	−32 23.3	2.882	3.779	8.3	21.3
7 10	16 9.91	−31 50.4	2.960	3.771	10.5	21.4
248541 2005 XW_1			6 1.1 297°.99	0°.0/ 1.1 18		
5 1	16 59.01	−22 48.5	2.082	2.963	11.3	20.8
5 11	16 53.61	−22 41.0	1.995	2.945	8.1	20.6
5 21	16 46.34	−22 29.5	1.933	2.928	4.4	20.4
5 31	16 37.92	−22 14.5	1.897	2.911	0.5	20.0
6 10	16 29.26	−21 57.1	1.889	2.894	3.6	20.2
6 20	16 21.31	−21 39.5	1.908	2.877	7.5	20.4
6 30	16 14.90	−21 24.2	1.951	2.860	11.1	20.6
7 10	16 10.62	−21 13.3	2.016	2.843	14.2	20.8
338669 2003 SJ_{391}			6 1.1 260°.21	2°.9/31.2 17		
5 1	17 0.31	−14 52.4	1.982	2.864	11.8	21.3
5 11	16 54.49	−14 33.2	1.903	2.852	8.5	21.1
5 21	16 46.80	−14 15.9	1.848	2.840	5.1	20.8
5 31	16 37.97	−14 2.5	1.820	2.828	2.9	20.7
6 10	16 28.95	−13 54.7	1.819	2.815	5.0	20.8
6 20	16 20.67	−13 54.1	1.845	2.803	8.6	21.0
6 30	16 13.95	−14 1.8	1.895	2.790	12.0	21.1
7 10	16 9.40	−14 18.0	1.965	2.777	15.1	21.3
341336 2007 TU_{36}			6 1.1 182°.12	1°.1/ 1.5 17		
5 1	17 1.25	−25 29.4	2.060	2.936	11.6	21.7
5 11	16 55.12	−25 30.6	1.990	2.936	8.4	21.5
5 21	16 47.11	−25 26.0	1.943	2.936	4.7	21.3
5 31	16 38.01	−25 15.3	1.923	2.936	1.2	21.0
6 10	16 28.83	−24 59.7	1.931	2.936	3.6	21.2
6 20	16 20.51	−24 41.2	1.967	2.935	7.3	21.4
6 30	16 13.87	−24 22.6	2.027	2.935	10.7	21.6
7 10	16 9.46	−24 6.8	2.109	2.934	13.7	21.8
475670 2006 VQ_{27}			6 1.1 293°.78	0°.8/31.8 16		
5 1	16 58.86	−21 54.3	2.048	2.930	11.4	21.0
5 11	16 53.42	−21 16.9	1.968	2.919	8.1	20.8
5 21	16 46.19	−20 34.6	1.912	2.908	4.4	20.5
5 31	16 37.92	−19 49.2	1.883	2.897	0.9	20.2
6 10	16 29.53	−19 3.4	1.882	2.885	3.8	20.4
6 20	16 21.92	−18 20.7	1.908	2.874	7.7	20.6
6 30	16 15.88	−17 44.0	1.959	2.863	11.2	20.8
7 10	16 11.96	−17 15.9	2.031	2.853	14.3	21.0
176566 2002 AZ_{180}			6 1.1 101°.76	1°.3/ 1.5 17		
5 1	17 2.78	−25 4.1	2.461	3.327	10.3	20.8
5 11	16 55.88	−25 35.7	2.404	3.345	7.4	20.7
5 21	16 47.40	−26 3.3	2.372	3.363	4.2	20.5
5 31	16 38.04	−26 25.4	2.369	3.380	1.4	20.3
6 10	16 28.66	−26 42.0	2.395	3.397	3.2	20.5
6 20	16 20.07	−26 53.6	2.449	3.414	6.3	20.7
6 30	16 12.96	−27 2.1	2.530	3.431	9.2	20.9
7 10	16 7.80	−27 9.5	2.634	3.447	11.6	21.1

2020	α_{2000}	δ_{2000}	Δ	r	β	V
394655 2008 AG_{129}			6 1.1 101°.20	2°.2/31.3 17		
	h m	° ′			°	m
5 1	16 59.03	−16 0.7	2.330	3.208	10.4	21.8
5 11	16 53.17	−15 39.1	2.274	3.221	7.4	21.7
5 21	16 45.90	−15 18.6	2.243	3.235	4.3	21.5
5 31	16 37.88	−15 0.7	2.239	3.248	2.2	21.4
6 10	16 29.91	−14 47.1	2.264	3.260	4.1	21.5
6 20	16 22.69	−14 39.0	2.316	3.273	7.1	21.7
6 30	16 16.86	−14 37.5	2.393	3.285	10.0	21.9
7 10	16 12.84	−14 43.1	2.493	3.298	12.4	22.1
65951 1998 FU_{119}			6 1.1 107°.78	7°.5/29.6 18		
5 1	17 0.54	− 2 58.8	1.868	2.733	13.2	19.0
5 11	16 54.42	− 2 3.4	1.821	2.745	10.5	18.9
5 21	16 46.63	− 1 20.1	1.797	2.757	8.3	18.8
5 31	16 37.96	− 0 53.2	1.799	2.769	7.6	18.7
6 10	16 29.36	− 0 45.0	1.826	2.781	8.8	18.8
6 20	16 21.70	− 0 56.0	1.877	2.792	11.1	19.0
6 30	16 15.69	− 1 24.7	1.951	2.803	13.6	19.2
7 10	16 11.80	− 2 8.1	2.044	2.814	15.9	19.4
380578 2004 RR_{180}			6 1.1 242°.48	1°.0/ 1.5 18		
5 1	17 2.78	−26 5.2	2.164	3.034	11.4	21.9
5 11	16 56.25	−25 53.8	2.075	3.019	8.2	21.7
5 21	16 47.78	−25 35.3	2.010	3.002	4.7	21.4
5 31	16 38.10	−25 9.7	1.973	2.985	1.2	21.1
6 10	16 28.21	−24 38.3	1.964	2.968	3.6	21.3
6 20	16 19.06	−24 3.9	1.983	2.950	7.4	21.5
6 30	16 11.55	−23 29.8	2.027	2.931	10.9	21.7
7 10	16 6.27	−22 59.5	2.094	2.912	14.0	21.8
147131 2002 TS_{180}			6 1.1 188°.71	6°.3/ 3.3 18		
5 1	17 8.25	−39 40.0	2.056	2.887	13.4	20.1
5 11	17 0.43	−40 12.0	1.982	2.886	10.8	20.0
5 21	16 50.14	−40 28.0	1.930	2.885	8.1	19.8
5 31	16 38.35	−40 24.3	1.904	2.883	6.4	19.7
6 10	16 26.39	−40 0.2	1.905	2.881	6.8	19.7
6 20	16 15.57	−39 18.7	1.932	2.878	9.0	19.8
6 30	16 6.97	−38 25.4	1.984	2.874	11.8	20.0
7 10	16 1.25	−37 27.2	2.057	2.870	14.4	20.2
306958 2001 UB_{213}			6 1.1 171°.13	1°.0/31.8 17		
5 1	17 2.72	−19 45.8	2.185	3.059	11.1	22.1
5 11	16 55.97	−19 35.4	2.116	3.063	7.9	21.9
5 21	16 47.51	−19 23.2	2.072	3.066	4.3	21.7
5 31	16 38.07	−19 10.2	2.056	3.069	1.0	21.5
6 10	16 28.58	−18 57.5	2.069	3.071	3.7	21.7
6 20	16 19.91	−18 46.8	2.109	3.072	7.3	21.9
6 30	16 12.82	−18 40.2	2.176	3.073	10.6	22.1
7 10	16 7.80	−18 38.9	2.264	3.073	13.4	22.3
276816 2004 PQ_{58}			6 1.1 329°.51	1°.0/ 1.5 17		
5 1	16 59.04	−25 32.0	1.323	2.221	15.3	20.1
5 11	16 54.46	−25 15.7	1.247	2.205	11.1	19.8
5 21	16 47.13	−24 50.0	1.193	2.189	6.2	19.5
5 31	16 38.06	−24 15.1	1.161	2.175	1.3	19.1
6 10	16 28.66	−23 34.0	1.154	2.161	4.8	19.3
6 20	16 20.39	−22 51.0	1.171	2.148	10.1	19.6
6 30	16 14.50	−22 11.7	1.208	2.136	14.9	19.8
7 10	16 11.76	−21 40.5	1.264	2.125	19.0	20.0
228315 2000 QX_{22}			6 1.1 241°.28	1°.0/31.8 18		
5 1	17 1.93	−20 21.7	2.079	2.957	11.5	21.2
5 11	16 55.63	−19 59.2	1.994	2.943	8.2	21.0
5 21	16 47.44	−19 33.5	1.933	2.928	4.5	20.8
5 31	16 38.08	−19 6.0	1.900	2.913	1.1	20.5
6 10	16 28.52	−18 38.5	1.894	2.897	4.0	20.7
6 20	16 19.70	−18 13.7	1.917	2.880	7.9	20.9
6 30	16 12.47	−17 53.9	1.964	2.864	11.5	21.1
7 10	16 7.43	−17 41.4	2.033	2.846	14.6	21.2
439849 1998 TB_3			6 1.1 274°.27	1°.2/ 1.8 17		
5 1	17 3.33	−29 22.2	2.002	2.869	12.3	20.3
5 11	16 56.70	−28 19.6	1.909	2.851	9.0	20.1
5 21	16 48.02	−27 2.9	1.841	2.832	5.2	19.8
5 31	16 38.15	−25 33.6	1.801	2.814	1.4	19.5
6 10	16 28.18	−23 55.9	1.790	2.795	3.8	19.6
6 20	16 19.15	−22 15.9	1.808	2.776	7.9	19.9
6 30	16 11.98	−20 40.2	1.851	2.756	11.8	20.1
7 10	16 7.21	−19 14.4	1.917	2.737	15.1	20.2
28669 Bradhelsel			6 1.1 58°.03	1°.8/31.7 18		
5 1	17 3.40	−19 55.0	1.204	2.104	16.3	19.0
5 11	16 57.33	−19 23.9	1.153	2.113	11.6	18.7
5 21	16 48.52	−18 49.9	1.123	2.121	6.4	18.5
5 31	16 38.19	−18 15.4	1.117	2.130	1.9	18.2
6 10	16 27.93	−17 44.3	1.135	2.139	5.6	18.5
6 20	16 19.16	−17 20.2	1.176	2.148	10.8	18.8
6 30	16 13.00	−17 6.4	1.239	2.157	15.3	19.1
7 10	16 10.03	−17 4.1	1.319	2.166	19.1	19.4

2020	α_{2000}	δ_{2000}	Δ	r	β	V
304742 2006 XC_{70}			6 1.1 131°.64 0°.6/31.9 17			
	h m	° ′			°	m
5 1	16 59.79	−19 52.1	2.558	3.431	9.7	21.5
5 11	16 53.71	−19 55.2	2.493	3.440	6.9	21.3
5 21	16 46.22	−19 57.4	2.454	3.449	3.7	21.1
5 31	16 37.96	−19 58.7	2.444	3.457	0.7	20.9
6 10	16 29.66	−20 0.0	2.463	3.466	3.1	21.1
6 20	16 22.05	−20 2.1	2.510	3.474	6.2	21.3
6 30	16 15.74	−20 6.2	2.583	3.481	9.1	21.5
7 10	16 11.18	−20 13.5	2.679	3.489	11.5	21.7
320467 2007 VM_{281}			6 1.1 206°.69 0°.2/ 1.2 17			
5 1	17 4.98	−23 29.3	1.888	2.763	12.6	21.7
5 11	16 57.93	−23 17.4	1.810	2.757	9.0	21.5
5 21	16 48.73	−23 0.0	1.757	2.751	4.9	21.2
5 31	16 38.23	−22 37.4	1.731	2.744	0.6	20.9
6 10	16 27.57	−22 11.2	1.732	2.737	3.9	21.1
6 20	16 17.85	−21 44.2	1.761	2.728	8.2	21.4
6 30	16 10.02	−21 19.7	1.815	2.719	12.0	21.6
7 10	16 4.70	−21 0.9	1.890	2.709	15.3	21.8
156986 2003 KA_{11}			6 1.2 5°.91 4°.4/30.9 17			
5 1	16 57.70	−14 29.0	1.260	2.165	15.4	19.2
5 11	16 53.22	−13 45.7	1.206	2.165	11.2	19.0
5 21	16 46.31	−13 5.7	1.173	2.167	6.9	18.7
5 31	16 38.01	−12 33.2	1.162	2.169	4.4	18.6
6 10	16 29.66	−12 12.1	1.175	2.172	7.0	18.8
6 20	16 22.51	−12 5.0	1.211	2.176	11.3	19.0
6 30	16 17.60	−12 12.7	1.268	2.182	15.4	19.3
7 10	16 15.53	−12 34.3	1.343	2.188	18.9	19.5
301100 2008 UF_{369}			6 1.2 70°.82 0°.0/ 1.0 17			
5 1	17 6.04	−21 8.1	1.241	2.135	16.4	20.3
5 11	16 59.26	−21 30.0	1.191	2.147	11.7	20.0
5 21	16 49.63	−21 49.8	1.162	2.159	6.3	19.8
5 31	16 38.36	−22 6.2	1.157	2.171	0.7	19.4
6 10	16 27.09	−22 19.3	1.177	2.183	5.0	19.8
6 20	16 17.33	−22 30.7	1.221	2.195	10.2	20.1
6 30	16 10.27	−22 42.7	1.287	2.207	14.8	20.4
7 10	16 6.54	−22 57.8	1.372	2.219	18.5	20.7
33658 1999 JD_{90}			6 1.2 115°.81 8°.2/28.1 18			
5 1	17 2.14	+ 0 7.8	2.175	3.019	12.3	19.6
5 11	16 55.29	+ 1 40.4	2.139	3.043	10.1	19.5
5 21	16 47.02	+ 3 0.1	2.128	3.065	8.6	19.5
5 31	16 38.09	+ 4 1.8	2.143	3.087	8.3	19.5
6 10	16 29.31	+ 4 42.5	2.185	3.108	9.3	19.6
6 20	16 21.44	+ 5 1.3	2.252	3.128	11.1	19.7
6 30	16 15.08	+ 4 59.5	2.342	3.148	13.1	19.9
7 10	16 10.62	+ 4 40.0	2.450	3.167	14.9	20.1
397161 2005 XD_{115}			6 1.2 157°.68 0°.5/31.9 18			
5 1	16 59.06	−20 14.2	2.591	3.465	9.6	21.5
5 11	16 53.24	−20 16.7	2.521	3.468	6.8	21.3
5 21	16 46.02	−20 17.9	2.476	3.471	3.7	21.1
5 31	16 37.99	−20 18.1	2.460	3.473	0.6	20.9
6 10	16 29.91	−20 18.1	2.472	3.476	3.0	21.1
6 20	16 22.45	−20 18.8	2.513	3.478	6.2	21.3
6 30	16 16.26	−20 21.5	2.580	3.480	9.1	21.5
7 10	16 11.78	−20 27.3	2.670	3.482	11.5	21.6
504211 2006 UL_{42}			6 1.2 136°.98 1°.9/31.2 17			
5 1	16 58.66	−17 13.9	2.633	3.507	9.5	22.4
5 11	16 52.83	−16 40.3	2.570	3.517	6.7	22.2
5 21	16 45.73	−16 6.4	2.534	3.526	3.8	22.0
5 31	16 37.96	−15 33.9	2.526	3.536	1.9	21.9
6 10	16 30.22	−15 4.8	2.548	3.544	3.7	22.0
6 20	16 23.16	−14 40.8	2.597	3.553	6.5	22.2
6 30	16 17.33	−14 23.5	2.673	3.561	9.2	22.4
7 10	16 13.14	−14 13.5	2.771	3.569	11.5	22.6
383614 2007 LL_3			6 1.2 352°.20 2°.9/31.4 17			
5 1	16 59.39	−16 3.5	1.450	2.347	14.3	20.6
5 11	16 54.30	−15 45.2	1.387	2.343	10.3	20.3
5 21	16 46.89	−15 28.8	1.345	2.340	6.0	20.1
5 31	16 38.10	−15 16.7	1.328	2.338	2.9	19.9
6 10	16 29.16	−15 11.1	1.336	2.336	5.6	20.0
6 20	16 21.28	−15 13.7	1.367	2.335	10.0	20.3
6 30	16 15.47	−15 25.8	1.422	2.334	14.1	20.5
7 10	16 12.36	−15 47.3	1.494	2.334	17.6	20.7
324958 2007 YW_{62}			6 1.2 174°.60 0°.2/ 1.1 17			
5 1	17 4.48	−22 31.2	1.850	2.728	12.7	22.4
5 11	16 57.53	−22 18.2	1.782	2.731	9.0	22.1
5 21	16 48.49	−22 0.6	1.738	2.733	4.9	21.9
5 31	16 38.26	−21 39.1	1.720	2.734	0.5	21.6
6 10	16 27.96	−21 15.4	1.731	2.735	3.9	21.8
6 20	16 18.68	−20 52.1	1.768	2.735	8.1	22.1
6 30	16 11.30	−20 32.4	1.831	2.735	11.9	22.3
7 10	16 6.39	−20 18.7	1.914	2.734	15.1	22.5

2020	α_{2000}	δ_{2000}	Δ	r	β	V
270757 2002 RL_{79}			6 1.2 269°.33 1°.7/ 1.6 17			
	h m	° ′			°	m
5 1	17 4.54	−26 31.8	1.723	2.600	13.5	21.2
5 11	16 58.09	−26 35.4	1.631	2.577	9.9	21.0
5 21	16 49.08	−26 31.2	1.561	2.554	5.7	20.7
5 31	16 38.35	−26 18.1	1.518	2.530	1.8	20.3
6 10	16 27.15	−25 56.6	1.501	2.506	4.4	20.5
6 20	16 16.79	−25 29.4	1.511	2.481	9.0	20.7
6 30	16 8.47	−25 0.7	1.545	2.456	13.3	20.9
7 10	16 2.99	−24 35.0	1.598	2.430	17.1	21.1
43590 2001 QD_2			6 1.2 250°.73 2°.2/31.6 18			
5 1	17 4.41	−17 53.0	1.560	2.447	14.1	19.1
5 11	16 57.95	−17 31.5	1.479	2.432	10.2	18.8
5 21	16 48.95	−17 9.0	1.421	2.416	5.8	18.5
5 31	16 38.33	−16 47.2	1.388	2.400	2.2	18.3
6 10	16 27.35	−16 28.6	1.382	2.383	5.4	18.4
6 20	16 17.31	−16 15.9	1.401	2.366	10.1	18.7
6 30	16 9.37	−16 11.6	1.443	2.348	14.5	18.9
7 10	16 4.27	−16 17.2	1.504	2.330	18.2	19.1
391336 2006 UU_{45}			6 1.2 284°.30 2°.7/30.9 16			
5 1	16 58.38	−16 15.5	2.101	2.984	11.1	21.1
5 11	16 53.04	−15 30.0	2.023	2.973	8.0	20.9
5 21	16 46.02	−14 44.0	1.969	2.961	4.7	20.6
5 31	16 38.01	−14 0.1	1.942	2.949	2.7	20.5
6 10	16 29.88	−13 21.4	1.942	2.937	4.8	20.6
6 20	16 22.46	−12 50.5	1.970	2.926	8.2	20.8
6 30	16 16.51	−12 29.5	2.021	2.914	11.5	21.0
7 10	16 12.54	−12 19.4	2.094	2.902	14.4	21.1
306960 2001 UV_{221}			6 1.2 237°.34 0°.9/31.9 18			
5 1	17 2.76	−19 49.5	1.889	2.769	12.3	21.1
5 11	16 56.39	−19 47.8	1.810	2.760	8.8	20.9
5 21	16 47.95	−19 44.7	1.755	2.750	4.8	20.6
5 31	16 38.22	−19 40.7	1.727	2.740	1.0	20.3
6 10	16 28.26	−19 36.6	1.727	2.730	4.1	20.5
6 20	16 19.12	−19 34.2	1.753	2.719	8.3	20.8
6 30	16 11.74	−19 35.4	1.804	2.708	12.1	21.0
7 10	16 6.75	−19 41.8	1.876	2.697	15.3	21.2
74321 1998 UT_{21}			6 1.2 258°.36 2°.0/ 1.7 18			
5 1	17 3.17	−26 52.0	2.098	2.968	11.7	19.4
5 11	16 56.72	−27 19.2	2.011	2.953	8.6	19.2
5 21	16 48.16	−27 41.1	1.949	2.938	5.1	18.9
5 31	16 38.26	−27 55.9	1.913	2.923	2.1	18.7
6 10	16 28.01	−28 3.1	1.906	2.908	4.0	18.8
6 20	16 18.49	−28 3.6	1.926	2.892	7.6	19.0
6 30	16 10.63	−28 0.1	1.971	2.877	11.1	19.2
7 10	16 5.13	−27 55.6	2.038	2.860	14.2	19.3
442103 2010 TW_{84}			6 1.2 349°.32 4°.8/ 2.1 16			
5 1	17 0.37	−32 5.1	1.655	2.530	14.0	20.4
5 11	16 55.19	−32 54.3	1.583	2.522	10.7	20.2
5 21	16 47.49	−33 33.4	1.534	2.515	7.2	20.0
5 31	16 38.19	−33 59.0	1.509	2.509	4.9	19.8
6 10	16 28.56	−34 9.4	1.509	2.504	6.0	19.9
6 20	16 19.94	−34 6.2	1.534	2.500	9.3	20.0
6 30	16 13.45	−33 53.2	1.582	2.496	12.8	20.2
7 10	16 9.86	−33 35.4	1.649	2.494	16.0	20.4
228879 2003 NF			6 1.2 349°.75 5°.9/ 3.7 17			
5 1	16 55.86	−36 32.9	1.098	1.990	18.3	18.7
5 11	16 52.74	−36 8.7	1.030	1.976	14.2	18.4
5 21	16 46.39	−35 18.0	0.980	1.964	9.8	18.2
5 31	16 38.07	−33 59.1	0.951	1.954	6.3	17.9
6 10	16 29.58	−32 16.2	0.943	1.945	7.0	17.9
6 20	16 22.67	−30 18.9	0.958	1.939	11.2	18.1
6 30	16 18.67	−28 19.5	0.993	1.935	15.9	18.4
7 10	16 18.26	−26 29.0	1.046	1.933	20.1	18.6
140940 2001 VR_{90}			6 1.2 280°.82 3°.3/31.4 18			
5 1	17 0.91	−11 48.1	2.161	3.035	11.2	19.6
5 11	16 54.94	−11 50.1	2.070	3.013	8.3	19.4
5 21	16 47.14	−11 57.6	2.003	2.991	5.2	19.1
5 31	16 38.16	−12 11.7	1.964	2.968	3.3	19.0
6 10	16 28.86	−12 33.3	1.952	2.945	5.1	19.0
6 20	16 20.12	−13 2.6	1.968	2.922	8.4	19.2
6 30	16 12.78	−13 39.4	2.009	2.899	11.7	19.3
7 10	16 7.46	−14 23.2	2.071	2.875	14.6	19.5
149879 2005 QB_{178}			6 1.2 267°.88 0°.8/ 1.4 18			
5 1	17 3.73	−24 11.0	1.744	2.624	13.2	20.5
5 11	16 57.42	−24 17.6	1.656	2.605	9.5	20.2
5 21	16 48.68	−24 19.2	1.591	2.586	5.4	19.9
5 31	16 38.33	−24 14.9	1.553	2.566	1.1	19.6
6 10	16 27.58	−24 5.4	1.541	2.546	4.2	19.7
6 20	16 17.66	−23 52.5	1.556	2.526	8.8	20.0
6 30	16 9.69	−23 39.5	1.594	2.505	13.0	20.2
7 10	16 4.44	−23 29.9	1.653	2.484	16.6	20.4

2020	α_{2000}	δ_{2000}	Δ	r	β	V
65800 1995 YH_{25}			6 1.2 240°65	0°4/ 1.3 18		
	h m	° ′			°	m
5 1	17 4.71	−22 33.0	1.729	2.609	13.3	19.6
5 11	16 58.04	−22 49.2	1.650	2.599	9.5	19.4
5 21	16 48.96	−23 2.4	1.594	2.589	5.3	19.1
5 31	16 38.36	−23 11.6	1.565	2.578	0.7	18.8
6 10	16 27.43	−23 17.0	1.562	2.567	4.2	19.0
6 20	16 17.41	−23 19.8	1.586	2.556	8.7	19.2
6 30	16 9.37	−23 22.5	1.635	2.544	12.8	19.4
7 10	16 4.05	−23 27.7	1.703	2.532	16.3	19.7
504560 2008 SQ_{291}			6 1.2 204°52	0°1/ 1.1 18		
5 1	17 1.74	−23 7.0	2.386	3.257	10.4	22.3
5 11	16 55.28	−22 44.4	2.306	3.252	7.4	22.1
5 21	16 47.19	−22 17.1	2.252	3.246	4.0	21.9
5 31	16 38.16	−21 45.9	2.226	3.240	0.4	21.6
6 10	16 29.05	−21 12.7	2.229	3.233	3.3	21.8
6 20	16 20.67	−20 39.9	2.260	3.225	6.8	22.0
6 30	16 13.74	−20 10.2	2.318	3.217	10.0	22.2
7 10	16 8.76	−19 45.9	2.398	3.208	12.7	22.4
297602 2001 SX_{217}			6 1.2 10°62	6°7/30.5 17		
5 1	16 59.36	−11 48.5	1.012	1.923	17.7	19.9
5 11	16 54.78	−10 47.4	0.964	1.924	13.2	19.6
5 21	16 47.31	− 9 53.5	0.935	1.926	8.8	19.4
5 31	16 38.18	− 9 13.5	0.927	1.929	6.7	19.3
6 10	16 29.02	− 8 52.6	0.941	1.933	9.2	19.4
6 20	16 21.33	− 8 53.3	0.976	1.938	13.6	19.7
6 30	16 16.31	− 9 15.0	1.029	1.944	18.0	19.9
7 10	16 14.58	− 9 54.7	1.098	1.951	21.8	20.2
143769 2003 WM_{37}			6 1.2 103°92	3°4/ 2.3 18		
5 1	17 5.31	−31 6.4	1.531	2.405	15.0	20.0
5 11	16 58.53	−31 4.2	1.470	2.412	11.1	19.7
5 21	16 49.18	−30 48.6	1.432	2.419	6.9	19.5
5 31	16 38.37	−30 18.3	1.418	2.425	3.5	19.3
6 10	16 27.58	−29 35.4	1.430	2.431	5.1	19.4
6 20	16 18.17	−28 44.5	1.467	2.438	9.1	19.7
6 30	16 11.20	−27 51.8	1.528	2.444	13.1	19.9
7 10	16 7.27	−27 3.2	1.608	2.450	16.5	20.2
192869 1999 XB_{14}			6 1.2 192°76	2°9/30.9 18		
5 1	17 0.30	−12 35.4	2.788	3.654	9.3	22.0
5 11	16 54.01	−12 12.6	2.712	3.652	6.8	21.8
5 21	16 46.42	−11 52.4	2.663	3.648	4.3	21.6
5 31	16 38.09	−11 36.3	2.643	3.644	2.9	21.5
6 10	16 29.69	−11 25.8	2.652	3.640	4.3	21.6
6 20	16 21.86	−11 21.9	2.689	3.634	6.8	21.8
6 30	16 15.18	−11 25.4	2.753	3.628	9.4	21.9
7 10	16 10.08	−11 36.2	2.839	3.621	11.6	22.1
115075 2003 RA_{24}			6 1.2 74°98	4°5/ 2.7 17		
5 1	17 5.74	−33 24.2	1.408	2.281	16.1	19.3
5 11	16 59.06	−33 23.8	1.349	2.288	12.2	19.1
5 21	16 49.53	−33 6.7	1.311	2.294	7.9	18.9
5 31	16 38.42	−32 31.0	1.297	2.301	4.7	18.7
6 10	16 27.34	−31 38.9	1.308	2.308	5.8	18.8
6 20	16 17.82	−30 36.2	1.344	2.315	9.8	19.0
6 30	16 10.98	−29 30.4	1.403	2.322	13.8	19.3
7 10	16 7.43	−28 28.7	1.481	2.329	17.4	19.5
265003 2003 EK_{57}			6 1.2 84°27	8°4/30.5 17		
5 1	17 2.00	− 0 53.0	1.689	2.550	14.5	20.3
5 11	16 55.62	− 0 18.7	1.645	2.565	11.7	20.1
5 21	16 47.39	− 0 0.2	1.623	2.580	9.3	20.0
5 31	16 38.19	− 0 1.3	1.626	2.594	8.4	20.0
6 10	16 29.08	− 0 23.3	1.654	2.609	9.5	20.1
6 20	16 21.03	− 1 5.1	1.705	2.624	11.8	20.3
6 30	16 14.82	− 2 3.8	1.779	2.638	14.4	20.5
7 10	16 10.91	− 3 15.3	1.872	2.652	16.8	20.7
327229 2005 QO_{120}			6 1.2 325°96	1°0/ 1.4 17		
5 1	17 0.15	−24 22.9	1.275	2.175	15.7	20.7
5 11	16 55.43	−24 25.6	1.200	2.159	11.4	20.4
5 21	16 47.80	−24 21.7	1.146	2.143	6.4	20.0
5 31	16 38.27	−24 10.6	1.115	2.128	1.3	19.7
6 10	16 28.33	−23 53.8	1.107	2.114	5.0	19.9
6 20	16 19.51	−23 34.2	1.123	2.101	10.4	20.1
6 30	16 13.16	−23 16.4	1.160	2.088	15.3	20.4
7 10	16 10.11	−23 4.1	1.215	2.077	19.5	20.6
25388 1999 UG_{4}			6 1.2 69°68	1°7/31.7 18		
5 1	17 3.53	−19 25.1	1.394	2.287	15.0	18.0
5 11	16 57.11	−19 2.3	1.346	2.302	10.6	17.7
5 21	16 48.33	−18 37.8	1.321	2.318	5.8	17.5
5 31	16 38.30	−18 13.5	1.321	2.334	1.7	17.3
6 10	16 28.40	−17 52.1	1.346	2.349	5.0	17.5
6 20	16 19.87	−17 36.5	1.396	2.365	9.7	17.8
6 30	16 13.67	−17 28.8	1.469	2.381	13.8	18.1
7 10	16 10.31	−17 30.3	1.560	2.397	17.2	18.4

2020	α_{2000}	δ_{2000}	Δ	r	β	V
118691 2000 OJ_{23}			6 1.2 332°02	4°4/31.5 18		
	h m	° ′			°	m
5 1	16 59.57	−12 26.8	1.297	2.196	15.5	18.2
5 11	16 54.80	−12 22.5	1.225	2.181	11.4	17.9
5 21	16 47.38	−12 26.0	1.175	2.167	7.1	17.7
5 31	16 38.24	−12 39.6	1.147	2.154	4.4	17.5
6 10	16 28.72	−13 4.9	1.144	2.142	6.8	17.6
6 20	16 20.20	−13 41.9	1.163	2.130	11.4	17.8
6 30	16 13.90	−14 29.9	1.204	2.120	15.9	18.0
7 10	16 10.64	−15 27.3	1.262	2.110	19.8	18.2
74874 1999 TA_{99}			6 1.2 66°73	0°7/ 1.1 18		
5 1	17 4.41	−19 28.7	1.420	2.311	14.9	18.4
5 11	16 57.93	−19 45.7	1.363	2.318	10.6	18.2
5 21	16 48.90	−20 2.6	1.328	2.324	5.8	17.9
5 31	16 38.38	−20 18.8	1.317	2.331	0.9	17.6
6 10	16 27.77	−20 34.5	1.333	2.338	4.7	17.9
6 20	16 18.39	−20 50.6	1.373	2.345	9.5	18.2
6 30	16 11.35	−21 8.8	1.437	2.352	13.8	18.4
7 10	16 7.29	−21 30.6	1.519	2.359	17.4	18.7
509468 2007 RS_{176}			6 1.2 275°04	1°8/ 1.8 17		
5 1	17 1.62	−27 10.2	1.945	2.820	12.2	21.4
5 11	16 55.66	−27 14.7	1.864	2.809	8.9	21.2
5 21	16 47.60	−27 12.0	1.807	2.798	5.2	21.0
5 31	16 38.25	−27 1.2	1.776	2.787	1.9	20.7
6 10	16 28.68	−26 43.2	1.772	2.776	3.9	20.8
6 20	16 19.95	−26 20.1	1.795	2.765	7.8	21.0
6 30	16 13.00	−25 55.5	1.842	2.754	11.5	21.2
7 10	16 8.47	−25 33.0	1.911	2.742	14.7	21.4
196473 2003 JD_{12}			6 1.2 344°19	2°5/31.4 17		
5 1	16 58.49	−18 33.9	1.342	2.245	14.8	19.6
5 11	16 53.86	−17 54.9	1.277	2.237	10.7	19.4
5 21	16 46.76	−17 13.7	1.232	2.229	6.0	19.1
5 31	16 38.17	−16 33.5	1.212	2.223	2.5	18.8
6 10	16 29.41	−15 58.3	1.215	2.217	5.7	19.0
6 20	16 21.77	−15 31.9	1.243	2.213	10.5	19.3
6 30	16 16.34	−15 17.2	1.291	2.209	14.9	19.5
7 10	16 13.76	−15 15.3	1.358	2.206	18.6	19.7
483060 2015 KT_{131}			6 1.2 256°71	2°3/31.8 18		
5 1	17 2.60	−12 49.4	2.509	3.375	10.2	21.1
5 11	16 55.93	−13 16.4	2.420	3.360	7.4	20.9
5 21	16 47.62	−13 48.6	2.357	3.345	4.4	20.7
5 31	16 38.27	−14 25.7	2.323	3.330	2.3	20.5
6 10	16 28.65	−15 7.4	2.318	3.315	4.0	20.6
6 20	16 19.55	−15 53.1	2.343	3.299	7.1	20.8
6 30	16 11.70	−16 42.2	2.395	3.284	10.1	20.9
7 10	16 5.66	−17 34.2	2.471	3.267	12.8	21.1
481137 2005 UU_{59}			6 1.2 252°44	3°5/30.5 18		
5 1	16 57.70	−12 46.7	2.413	3.289	10.1	21.2
5 11	16 52.38	−12 1.0	2.337	3.281	7.4	21.0
5 21	16 45.63	−11 17.3	2.286	3.272	4.8	20.8
5 31	16 38.06	−10 38.4	2.262	3.262	3.5	20.7
6 10	16 30.40	−10 6.7	2.267	3.253	5.1	20.8
6 20	16 23.36	− 9 44.2	2.299	3.244	7.8	20.9
6 30	16 17.57	− 9 32.3	2.355	3.234	10.6	21.1
7 10	16 13.49	− 9 31.0	2.433	3.225	13.1	21.2
336711 2010 CD_{100}			6 1.2 145°03	1°5/31.7 17		
5 1	17 1.36	−18 30.3	1.997	2.878	11.7	21.2
5 11	16 55.18	−18 16.7	1.932	2.882	8.3	21.0
5 21	16 47.21	−18 2.5	1.892	2.886	4.6	20.8
5 31	16 38.23	−17 48.7	1.878	2.891	1.5	20.6
6 10	16 29.20	−17 37.0	1.893	2.894	4.1	20.8
6 20	16 21.05	−17 29.0	1.934	2.898	7.8	21.0
6 30	16 14.54	−17 26.5	2.000	2.901	11.2	21.2
7 10	16 10.20	−17 30.4	2.088	2.905	14.1	21.4
214554 2006 PD_{20}			6 1.2 323°93	1°3/ 1.3 17		
5 1	17 0.29	−22 26.9	1.085	1.994	17.0	19.8
5 11	16 56.20	−23 8.5	1.002	1.965	12.5	19.4
5 21	16 48.62	−23 50.8	0.938	1.936	7.1	19.0
5 31	16 38.44	−24 31.0	0.896	1.909	1.6	18.6
6 10	16 27.28	−25 7.0	0.876	1.883	5.8	18.7
6 20	16 17.04	−25 37.9	0.877	1.858	12.0	19.0
6 30	16 9.56	−26 5.8	0.898	1.834	17.8	19.2
7 10	16 6.08	−26 33.8	0.935	1.812	22.8	19.4
164716 1998 GH			6 1.2 158°41	12°6/ 1.5 18		
5 1	17 24.96	−43 42.0	1.366	2.187	19.4	18.9
5 11	17 14.66	−46 21.9	1.309	2.194	16.5	18.7
5 21	16 59.10	−48 40.9	1.274	2.201	13.9	18.5
5 31	16 39.59	−50 23.0	1.262	2.206	12.7	18.5
6 10	16 18.79	−51 18.7	1.274	2.211	13.4	18.5
6 20	15 59.83	−51 29.0	1.309	2.215	15.5	18.7
6 30	15 45.29	−51 5.0	1.364	2.218	18.3	18.8
7 10	15 36.39	−50 21.8	1.436	2.220	20.9	19.0

2020	α_{2000}	δ_{2000}	Δ	r	β	V
264886 2002 SJ_{57}			6 1.2 304°.88	1°.4/ 1.4 18		
	h m	° ′			°	m
5 1	17 3.35	−23 47.4	1.359	2.252	15.3	20.3
5 11	16 57.92	−24 16.1	1.267	2.222	11.3	19.9
5 21	16 49.37	−24 42.2	1.196	2.192	6.4	19.6
5 31	16 38.52	−25 3.2	1.149	2.162	1.6	19.2
6 10	16 26.82	−25 18.0	1.126	2.132	5.2	19.3
6 20	16 15.92	−25 27.2	1.128	2.102	10.7	19.5
6 30	16 7.38	−25 34.0	1.150	2.073	15.9	19.8
7 10	16 2.28	−25 42.1	1.191	2.044	20.4	19.9
431391 2007 EQ_{215}			6 1.2 87°.05	20°.3/ 2.5 17		
5 1	17 9.59	+17 52.9	1.023	1.836	25.1	20.4
5 11	17 1.93	+18 37.2	0.989	1.844	22.9	20.3
5 21	16 51.14	+18 34.5	0.968	1.852	21.2	20.2
5 31	16 38.66	+17 35.7	0.963	1.860	20.3	20.2
6 10	16 26.35	+15 40.6	0.976	1.869	20.6	20.2
6 20	16 15.86	+12 57.4	1.006	1.877	22.0	20.3
6 30	16 8.42	+ 9 39.8	1.054	1.885	24.0	20.5
7 10	16 4.62	+ 6 3.8	1.117	1.892	26.1	20.7
488828 2005 OU_{26}			6 1.2 216°.35	13°.3/ 6.1 18		
5 1	17 17.31	−49 27.0	1.168	1.990	22.0	21.4
5 11	17 9.00	−50 8.4	1.103	1.987	19.0	21.2
5 21	16 55.64	−50 14.0	1.053	1.982	16.0	21.0
5 31	16 39.17	−49 32.7	1.023	1.978	13.8	20.8
6 10	16 22.60	−48 1.8	1.014	1.973	13.5	20.8
6 20	16 8.79	−45 49.9	1.025	1.967	15.4	20.9
6 30	15 59.66	−43 14.0	1.058	1.961	18.6	21.0
7 10	15 55.82	−40 33.0	1.108	1.955	22.0	21.2
250049 2002 CQ_{253}			6 1.2 145°.01	2°.4/ 2.5 18		
5 1	17 1.04	−31 41.6	2.552	3.407	10.4	20.5
5 11	16 54.72	−31 24.4	2.481	3.413	7.7	20.3
5 21	16 46.87	−30 57.6	2.436	3.419	4.8	20.1
5 31	16 38.21	−30 21.1	2.418	3.424	2.5	20.0
6 10	16 29.59	−29 36.6	2.430	3.430	3.5	20.0
6 20	16 21.78	−28 47.0	2.469	3.434	6.2	20.2
6 30	16 15.45	−27 55.9	2.535	3.439	9.0	20.4
7 10	16 11.04	−27 6.9	2.624	3.444	11.5	20.6
16586 1992 RZ_{6}			6 1.2 306°.98	2°.3/ 1.7 18		
5 1	17 2.13	−26 57.5	1.515	2.401	14.5	19.4
5 11	16 56.63	−27 15.2	1.433	2.383	10.6	19.1
5 21	16 48.42	−27 25.5	1.373	2.365	6.3	18.8
5 31	16 38.41	−27 26.5	1.337	2.348	2.5	18.6
6 10	16 27.96	−27 18.1	1.326	2.331	4.8	18.7
6 20	16 18.48	−27 2.5	1.341	2.314	9.5	18.9
6 30	16 11.22	−26 43.9	1.377	2.298	14.0	19.1
7 10	16 7.02	−26 26.9	1.433	2.282	17.8	19.3
72768 2001 FD_{146}			6 1.2 190°.25	3°.8/ 2.7 18		
5 1	17 3.44	−33 38.0	2.050	2.906	12.5	19.4
5 11	16 56.87	−33 40.3	1.977	2.906	9.5	19.2
5 21	16 48.22	−33 30.1	1.927	2.905	6.3	19.0
5 31	16 38.38	−33 6.1	1.903	2.904	3.9	18.9
6 10	16 28.47	−32 29.4	1.907	2.903	4.8	18.9
6 20	16 19.56	−31 43.1	1.938	2.902	7.8	19.1
6 30	16 12.54	−30 52.2	1.994	2.901	11.0	19.3
7 10	16 7.99	−30 1.6	2.071	2.899	13.8	19.5
471155 2010 GF_{65}			6 1.2 344°.78	0°.5/ 2.9 15		
5 1	16 41.91	−34 35.9	22.173	23.008	1.4	20.8
5 11	16 40.52	−34 36.6	22.089	23.002	1.1	20.8
5 21	16 38.99	−34 36.2	22.030	22.996	0.8	20.8
5 31	16 37.39	−34 34.6	22.000	22.990	0.6	20.7
6 10	16 35.77	−34 32.0	21.999	22.985	0.6	20.7
6 20	16 34.22	−34 28.4	22.026	22.979	0.9	20.8
6 30	16 32.79	−34 24.1	22.080	22.973	1.2	20.8
7 10	16 31.53	−34 19.2	22.160	22.967	1.6	20.8
288242 2003 YT_{98}			6 1.2 194°.47	1°.4/31.8 17		
5 1	17 4.14	−19 2.4	1.976	2.852	12.0	21.8
5 11	16 57.25	−18 46.2	1.902	2.850	8.6	21.6
5 21	16 48.40	−18 28.3	1.853	2.847	4.7	21.3
5 31	16 38.41	−18 10.0	1.831	2.843	1.4	21.1
6 10	16 28.29	−17 52.9	1.838	2.839	4.2	21.3
6 20	16 19.04	−17 39.2	1.872	2.834	8.1	21.5
6 30	16 11.52	−17 30.9	1.930	2.828	11.7	21.7
7 10	16 6.31	−17 29.5	2.011	2.822	14.8	21.9
38749 2000 QU_{206}			6 1.2 158°.10	2°.3/31.5 18		
5 1	17 4.64	−17 17.1	1.688	2.570	13.4	19.5
5 11	16 57.74	−16 55.6	1.626	2.576	9.6	19.2
5 21	16 48.70	−16 34.1	1.587	2.581	5.4	19.0
5 31	16 38.44	−16 14.4	1.575	2.586	2.3	18.8
6 10	16 28.15	−15 58.7	1.590	2.590	5.0	19.0
6 20	16 18.93	−15 49.1	1.631	2.593	9.1	19.2
6 30	16 11.71	−15 47.4	1.696	2.596	12.9	19.5
7 10	16 7.05	−15 54.4	1.781	2.599	16.1	19.7

2020	α_{2000}	δ_{2000}	Δ	r	β	V
510575 2012 RU_{9}			6 1.2 273°.73	3°.7/30.4 18		
	h m	° ′			°	m
5 1	17 1.21	−14 32.1	2.033	2.912	11.6	22.3
5 11	16 55.27	−13 33.0	1.938	2.884	8.6	22.0
5 21	16 47.41	−12 32.8	1.867	2.856	5.4	21.8
5 31	16 38.32	−11 35.0	1.824	2.827	3.7	21.6
6 10	16 28.92	−10 43.6	1.809	2.798	5.8	21.7
6 20	16 20.16	−10 2.2	1.820	2.768	9.4	21.8
6 30	16 12.91	− 9 33.5	1.856	2.738	12.9	22.0
7 10	16 7.81	− 9 18.6	1.912	2.707	16.0	22.1
445278 2009 VC_{45}			6 1.2 298°.53	3°.1/ 2.1 18		
5 1	17 0.24	−31 2.3	2.440	3.300	10.6	20.5
5 11	16 54.51	−31 31.0	2.350	3.283	8.0	20.3
5 21	16 46.97	−31 52.3	2.285	3.266	5.2	20.1
5 31	16 38.27	−32 4.6	2.247	3.250	3.2	19.9
6 10	16 29.29	−32 7.3	2.237	3.233	4.2	20.0
6 20	16 20.93	−32 1.5	2.254	3.216	6.9	20.1
6 30	16 13.99	−31 49.5	2.296	3.200	9.9	20.3
7 10	16 9.11	−31 34.7	2.361	3.184	12.5	20.4
243518 2010 CK_{34}			6 1.2 86°.31	0°.2/ 1.3 17		
5 1	17 2.41	−22 39.3	1.878	2.758	12.4	21.4
5 11	16 56.02	−22 43.0	1.821	2.771	8.8	21.2
5 21	16 47.70	−22 43.2	1.789	2.783	4.8	21.0
5 31	16 38.34	−22 39.7	1.782	2.796	0.6	20.7
6 10	16 28.98	−22 33.6	1.804	2.809	3.7	21.0
6 20	16 20.63	−22 26.6	1.852	2.821	7.7	21.2
6 30	16 14.11	−22 21.1	1.924	2.833	11.2	21.5
7 10	16 9.93	−22 19.1	2.018	2.845	14.2	21.7
395462 2011 TG_{5}			6 1.2 135°.11	1°.7/ 2.0 18		
5 1	17 0.53	−28 48.6	2.337	3.203	10.8	21.1
5 11	16 54.48	−28 32.1	2.267	3.207	7.9	21.0
5 21	16 46.80	−28 7.4	2.222	3.211	4.6	20.8
5 31	16 38.25	−27 34.7	2.204	3.215	1.8	20.6
6 10	16 29.69	−26 55.7	2.215	3.218	3.3	20.7
6 20	16 21.96	−26 13.2	2.254	3.222	6.6	20.9
6 30	16 15.77	−25 30.8	2.318	3.226	9.6	21.1
7 10	16 11.58	−24 51.6	2.406	3.229	12.3	21.3
497816 2006 TF_{104}			6 1.2 205°.40	1°.9/31.5 17		
5 1	17 3.15	−18 13.2	2.001	2.878	11.8	22.9
5 11	16 56.53	−17 43.1	1.925	2.873	8.5	22.7
5 21	16 48.02	−17 11.3	1.874	2.868	4.8	22.5
5 31	16 38.39	−16 39.8	1.850	2.861	1.9	22.3
6 10	16 28.64	−16 11.0	1.855	2.855	4.4	22.4
6 20	16 19.73	−15 47.4	1.887	2.847	8.2	22.6
6 30	16 12.49	−15 31.2	1.944	2.839	11.8	22.8
7 10	16 7.49	−15 23.8	2.022	2.830	14.8	23.0
123859 2001 CO_{48}			6 1.2 166°.87	5°.5/30.3 18		
5 1	16 58.05	− 3 46.7	2.544	3.400	10.3	19.9
5 11	16 52.52	− 3 24.3	2.480	3.402	8.1	19.8
5 21	16 45.69	− 3 11.0	2.441	3.403	6.3	19.7
5 31	16 38.13	− 3 8.8	2.429	3.404	5.5	19.6
6 10	16 30.53	− 3 19.2	2.444	3.405	6.5	19.7
6 20	16 23.53	− 3 42.0	2.486	3.406	8.5	19.8
6 30	16 17.72	− 4 16.7	2.552	3.407	10.7	20.0
7 10	16 13.51	− 5 1.3	2.639	3.408	12.7	20.1
434722 2006 DB_{145}			6 1.2 205°.60	0°.9/ 1.5 17		
5 1	17 2.60	−25 0.9	2.042	2.916	11.8	21.9
5 11	16 56.21	−25 1.2	1.968	2.913	8.5	21.7
5 21	16 47.87	−24 56.1	1.917	2.910	4.8	21.4
5 31	16 38.38	−24 45.0	1.894	2.906	1.1	21.2
6 10	16 28.75	−24 29.2	1.898	2.902	3.6	21.3
6 20	16 19.97	−24 10.7	1.930	2.898	7.5	21.6
6 30	16 12.90	−23 52.3	1.987	2.894	11.0	21.8
7 10	16 8.12	−23 37.0	2.065	2.889	14.0	22.0
139307 2001 KD_{19}			6 1.2 71°.71	2°.4/31.6 18		
5 1	17 3.63	−17 6.8	1.425	2.317	14.8	19.4
5 11	16 57.18	−16 51.1	1.377	2.332	10.6	19.2
5 21	16 48.42	−16 36.5	1.352	2.347	5.9	19.0
5 31	16 38.43	−16 24.8	1.351	2.362	2.4	18.8
6 10	16 28.53	−16 18.0	1.376	2.378	5.3	19.0
6 20	16 19.94	−16 17.7	1.426	2.393	9.7	19.3
6 30	16 13.60	−16 25.4	1.499	2.408	13.7	19.6
7 10	16 10.05	−16 41.4	1.590	2.423	17.1	19.8
178223 2006 VT_{144}			6 1.2 211°.33	3°.2/ 2.6 18		
5 1	17 1.65	−33 0.9	2.461	3.314	10.8	20.7
5 11	16 55.36	−33 4.6	2.382	3.310	8.1	20.6
5 21	16 47.34	−32 58.2	2.328	3.306	5.4	20.4
5 31	16 38.32	−32 40.7	2.300	3.302	3.3	20.2
6 10	16 29.20	−32 12.8	2.301	3.297	4.1	20.3
6 20	16 20.87	−31 36.7	2.330	3.292	6.7	20.4
6 30	16 14.07	−30 56.2	2.384	3.287	9.6	20.6
7 10	16 9.33	−30 15.1	2.461	3.282	12.1	20.8

346764 2009 BE_{74} 6 1.2 45.°63 4.°6/ 2.8 17

2020	α_{2000} (h m)	δ_{2000} (° ′)	Δ	r	β (°)	V (m)
5 1	17 2.96	−34 33.5	1.924	2.782	13.1	20.5
5 11	16 56.67	−34 54.2	1.857	2.785	10.1	20.3
5 21	16 48.18	−35 2.1	1.814	2.789	6.9	20.1
5 31	16 38.41	−34 55.0	1.796	2.793	4.7	20.0
6 10	16 28.56	−34 33.2	1.804	2.797	5.4	20.1
6 20	16 19.77	−33 59.5	1.839	2.801	8.3	20.2
6 30	16 12.99	−33 18.8	1.898	2.805	11.4	20.4
7 10	16 8.81	−32 36.3	1.978	2.810	14.2	20.6

10407 1997 WS_{32} 6 1.2 306.°61 2.°1/31.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 2.18	−17 53.7	1.244	2.144	15.9	17.4
5 11	16 56.93	−17 50.1	1.168	2.127	11.5	17.1
5 21	16 48.71	−17 47.7	1.113	2.110	6.5	16.8
5 31	16 38.50	−17 47.4	1.082	2.094	2.1	16.4
6 10	16 27.80	−17 51.0	1.074	2.078	5.8	16.6
6 20	16 18.15	−18 0.0	1.089	2.062	11.2	16.9
6 30	16 10.97	−18 16.6	1.125	2.047	16.3	17.1
7 10	16 7.12	−18 41.6	1.179	2.032	20.6	17.3

231867 2000 SW_{346} 6 1.2 228.°90 1.°9/ 2.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 3.87	−29 34.7	2.303	3.162	11.2	21.0
5 11	16 57.01	−29 15.2	2.213	3.150	8.2	20.8
5 21	16 48.28	−28 45.9	2.149	3.136	4.9	20.6
5 31	16 38.43	−28 6.5	2.112	3.122	2.1	20.3
6 10	16 28.45	−27 18.8	2.104	3.107	3.6	20.4
6 20	16 19.26	−26 25.9	2.125	3.091	7.0	20.6
6 30	16 11.69	−25 32.1	2.172	3.075	10.4	20.8
7 10	16 6.32	−24 41.5	2.242	3.058	13.3	21.0

102733 1999 VX_{103} 6 1.2 66.°19 1.°2/31.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 2.65	−21 26.2	1.452	2.344	14.6	19.9
5 11	16 56.60	−20 47.8	1.393	2.349	10.4	19.6
5 21	16 48.17	−20 4.4	1.357	2.354	5.6	19.4
5 31	16 38.42	−19 18.3	1.346	2.359	1.3	19.1
6 10	16 28.69	−18 33.6	1.360	2.364	4.9	19.3
6 20	16 20.20	−17 54.3	1.400	2.370	9.6	19.6
6 30	16 13.96	−17 24.2	1.462	2.375	13.8	19.9
7 10	16 10.53	−17 5.4	1.544	2.380	17.3	20.1

183735 2003 YY_{109} 6 1.2 156.°72 2.°6/ 2.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 6.60	−29 41.2	1.980	2.843	12.6	21.0
5 11	16 59.05	−29 46.0	1.914	2.851	9.3	20.8
5 21	16 49.40	−29 41.2	1.872	2.858	5.6	20.6
5 31	16 38.56	−29 25.4	1.857	2.865	2.7	20.4
6 10	16 27.70	−28 59.8	1.870	2.871	4.2	20.5
6 20	16 17.92	−28 27.2	1.911	2.877	7.7	20.8
6 30	16 10.11	−27 52.0	1.977	2.881	11.2	21.0
7 10	16 4.85	−27 18.5	2.064	2.885	14.1	21.2

136244 2003 XV_{3} 6 1.2 165.°74 2.°8/31.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 3.00	−16 54.7	1.666	2.552	13.4	20.6
5 11	16 56.61	−16 15.6	1.603	2.554	9.6	20.4
5 21	16 48.12	−15 36.2	1.563	2.557	5.6	20.2
5 31	16 38.43	−14 59.2	1.549	2.559	2.8	20.0
6 10	16 28.70	−14 27.9	1.562	2.560	5.4	20.1
6 20	16 20.01	−14 5.0	1.601	2.561	9.4	20.4
6 30	16 13.29	−13 52.7	1.663	2.562	13.2	20.6
7 10	16 9.08	−13 51.6	1.745	2.563	16.4	20.8

360656 2004 RG_{24} 6 1.2 300.°59 5.°0/ 1.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 7.06	−32 31.7	2.156	3.008	12.2	19.9
5 11	16 59.92	−33 58.4	2.061	2.985	9.4	19.7
5 21	16 50.23	−35 19.4	1.991	2.963	6.7	19.5
5 31	16 38.70	−36 29.7	1.949	2.941	5.0	19.3
6 10	16 26.41	−37 25.1	1.935	2.918	6.0	19.3
6 20	16 14.62	−38 4.5	1.948	2.896	8.8	19.5
6 30	16 4.54	−38 29.6	1.987	2.874	11.9	19.6
7 10	15 57.09	−38 44.6	2.048	2.853	14.8	19.8

62725 2000 TW_{51} 6 1.2 334.°68 3.°8/31.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	16 58.98	−11 12.2	2.071	2.949	11.5	19.1
5 11	16 53.50	−11 1.4	2.002	2.946	8.5	18.9
5 21	16 46.36	−10 56.0	1.958	2.944	5.5	18.7
5 31	16 38.24	−10 57.8	1.940	2.941	3.8	18.6
6 10	16 30.02	−11 8.1	1.949	2.939	5.4	18.7
6 20	16 22.51	−11 27.3	1.984	2.937	8.4	18.9
6 30	16 16.48	−11 55.3	2.044	2.935	11.5	19.1
7 10	16 12.42	−12 31.2	2.125	2.933	14.2	19.3

145802 1998 SC_{9} 6 1.2 306.°34 4.°5/ 2.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 4.22	−30 53.9	1.440	2.320	15.5	19.4
5 11	16 58.35	−31 33.7	1.364	2.307	11.7	19.1
5 21	16 49.47	−32 2.9	1.309	2.295	7.6	18.8
5 31	16 38.61	−32 17.6	1.278	2.283	4.6	18.6
6 10	16 27.28	−32 16.4	1.272	2.271	6.1	18.7
6 20	16 17.07	−32 1.2	1.290	2.259	10.2	18.9
6 30	16 9.39	−31 37.2	1.330	2.248	14.5	19.1
7 10	16 5.07	−31 10.7	1.389	2.237	18.3	19.3

497481 2005 YG_{257} 6 1.2 229.°10 2.°6/31.2 18

2020	α_{2000} (h m)	δ_{2000} (° ′)	Δ	r	β (°)	V (m)
5 1	17 1.97	−15 13.7	2.282	3.155	10.8	22.1
5 11	16 55.59	−14 47.5	2.197	3.141	7.8	21.8
5 21	16 47.51	−14 22.1	2.137	3.127	4.6	21.6
5 31	16 38.39	−13 59.4	2.105	3.112	2.6	21.5
6 10	16 29.09	−13 41.2	2.102	3.096	4.6	21.6
6 20	16 20.43	−13 29.4	2.126	3.080	7.9	21.7
6 30	16 13.18	−13 25.4	2.176	3.063	11.1	21.9
7 10	16 7.88	−13 29.8	2.248	3.045	13.9	22.1

101953 1999 RM_{32} 6 1.2 243.°16 4.°5/ 2.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 6.54	−32 38.3	1.679	2.544	14.4	20.0
5 11	16 59.68	−33 6.1	1.600	2.534	11.0	19.7
5 21	16 50.07	−33 21.8	1.543	2.523	7.3	19.5
5 31	16 38.70	−33 21.9	1.511	2.513	4.6	19.3
6 10	16 26.97	−33 5.9	1.506	2.502	5.8	19.3
6 20	16 16.33	−32 36.4	1.526	2.491	9.4	19.5
6 30	16 8.00	−31 58.7	1.569	2.479	13.2	19.7
7 10	16 2.77	−31 19.1	1.633	2.467	16.7	19.9

469542 2003 SS_{331} 6 1.2 308.°47 5.°0/30.3 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	16 58.86	−12 12.5	1.624	2.514	13.4	21.4
5 11	16 53.90	−11 17.7	1.545	2.495	10.0	21.2
5 21	16 46.79	−10 25.7	1.489	2.477	6.6	20.9
5 31	16 38.34	− 9 40.9	1.459	2.459	5.0	20.8
6 10	16 29.62	− 9 7.6	1.453	2.441	7.1	20.9
6 20	16 21.73	− 8 48.9	1.472	2.424	10.9	21.0
6 30	16 15.63	− 8 46.4	1.513	2.407	14.6	21.2
7 10	16 11.99	− 8 59.6	1.573	2.390	17.9	21.4

505882 2015 DC_{133} 6 1.2 42.°46 0.°5/ 1.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 3.92	−18 46.6	1.743	2.625	13.1	20.2
5 11	16 57.38	−19 21.7	1.676	2.627	9.3	19.9
5 21	16 48.63	−19 58.3	1.634	2.629	5.1	19.7
5 31	16 38.54	−20 35.1	1.618	2.632	0.8	19.4
6 10	16 28.26	−21 11.0	1.630	2.635	4.1	19.6
6 20	16 18.91	−21 45.9	1.668	2.637	8.4	19.9
6 30	16 11.49	−22 20.4	1.731	2.640	12.2	20.1
7 10	16 6.62	−22 55.4	1.815	2.643	15.5	20.4

179411 2001 YM_{158} 6 1.2 77.°32 2.°3/ 2.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 1.17	−29 14.8	2.187	3.054	11.4	20.0
5 11	16 55.08	−29 23.5	2.124	3.063	8.4	19.8
5 21	16 47.23	−29 24.2	2.085	3.072	5.1	19.7
5 31	16 38.39	−29 16.0	2.073	3.081	2.5	19.5
6 10	16 29.54	−29 0.0	2.089	3.090	3.8	19.6
6 20	16 21.56	−28 38.1	2.132	3.100	6.9	19.8
6 30	16 15.23	−28 13.6	2.200	3.109	10.0	20.0
7 10	16 11.06	−27 49.8	2.291	3.118	12.7	20.2

372660 2009 WJ_{72} 6 1.2 289.°61 1.°1/31.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 1.64	−20 1.6	1.629	2.518	13.5	20.7
5 11	16 55.93	−19 48.9	1.554	2.507	9.7	20.5
5 21	16 47.92	−19 34.0	1.501	2.497	5.3	20.2
5 31	16 38.49	−19 17.9	1.474	2.487	1.2	19.9
6 10	16 28.81	−19 2.6	1.473	2.477	4.5	20.1
6 20	16 20.07	−18 50.3	1.497	2.467	9.1	20.3
6 30	16 13.29	−18 43.6	1.545	2.457	13.3	20.6
7 10	16 9.15	−18 44.4	1.613	2.447	16.8	20.8

187076 2005 NH_{42} 6 1.2 262.°89 1.°1/31.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 2.53	−20 43.4	1.676	2.562	13.3	20.6
5 11	16 56.53	−20 21.6	1.598	2.550	9.5	20.4
5 21	16 48.24	−19 56.1	1.542	2.538	5.2	20.1
5 31	16 38.53	−19 28.3	1.513	2.526	1.1	19.8
6 10	16 28.58	−19 0.6	1.510	2.513	4.5	20.0
6 20	16 19.55	−18 35.8	1.533	2.501	9.0	20.2
6 30	16 12.47	−18 17.3	1.579	2.488	13.2	20.4
7 10	16 8.01	−18 7.2	1.645	2.475	16.7	20.6

279060 2008 WB_{9} 6 1.2 307.°38 1.°7/31.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 0.45	−18 45.7	1.651	2.542	13.2	20.9
5 11	16 55.06	−18 30.0	1.575	2.530	9.5	20.6
5 21	16 47.45	−18 13.2	1.522	2.518	5.3	20.4
5 31	16 38.46	−17 56.7	1.494	2.506	1.7	20.1
6 10	16 29.22	−17 42.6	1.492	2.495	4.7	20.3
6 20	16 20.88	−17 33.1	1.516	2.484	9.1	20.5
6 30	16 14.42	−17 30.4	1.562	2.473	13.2	20.7
7 10	16 10.51	−17 35.9	1.629	2.463	16.7	20.9

423545 2005 UT_{266} 6 1.2 126.°52 0.°4/ 1.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 3.81	−21 20.7	2.052	2.927	11.7	22.1
5 11	16 56.89	−21 17.3	1.994	2.941	8.3	21.9
5 21	16 48.19	−21 11.1	1.961	2.955	4.5	21.7
5 31	16 38.53	−21 2.6	1.955	2.968	0.6	21.4
6 10	16 28.90	−20 52.8	1.977	2.981	3.6	21.7
6 20	16 20.21	−20 43.6	2.028	2.994	7.3	21.9
6 30	16 13.24	−20 37.0	2.103	3.006	10.7	22.2
7 10	16 8.47	−20 34.7	2.201	3.017	13.5	22.4

2020	α_{2000}	δ_{2000}	Δ	r	β	V
136179 2003 UE_{147} 6 1.2 198.°73 0.°9/ 1.1 17						
	h m	° ′			°	m
5 1	17 5.14	−19 23.7	1.705	2.587	13.4	20.0
5 11	16 58.32	−19 33.7	1.635	2.585	9.6	19.8
5 21	16 49.19	−19 43.2	1.587	2.582	5.2	19.5
5 31	16 38.66	−19 52.2	1.566	2.580	1.0	19.2
6 10	16 27.93	−20 1.0	1.573	2.577	4.3	19.4
6 20	16 18.16	−20 10.7	1.606	2.573	8.8	19.7
6 30	16 10.38	−20 23.0	1.663	2.569	12.8	19.9
7 10	16 5.26	−20 39.4	1.740	2.565	16.2	20.1
505950 2015 FY_{156} 6 1.2 191.°30 7.°4/29.1 17						
5 1	16 59.67	− 2 50.1	2.036	2.897	12.4	21.7
5 11	16 53.96	− 1 47.8	1.975	2.896	9.9	21.5
5 21	16 46.62	− 0 56.0	1.939	2.895	8.0	21.4
5 31	16 38.37	− 0 19.1	1.927	2.894	7.4	21.4
6 10	16 30.07	− 0 0.1	1.942	2.893	8.6	21.4
6 20	16 22.53	− 0 0.2	1.982	2.891	10.9	21.6
6 30	16 16.47	− 0 18.6	2.043	2.889	13.3	21.7
7 10	16 12.39	− 0 53.0	2.125	2.887	15.6	21.9
140536 2001 TO_{182} 6 1.2 189.°50 4.°0/ 2.8 18						
5 1	17 3.13	−35 25.6	2.660	3.500	10.5	20.6
5 11	16 56.42	−35 47.6	2.583	3.499	8.1	20.4
5 21	16 47.98	−35 59.3	2.530	3.498	5.7	20.3
5 31	16 38.53	−35 58.9	2.504	3.496	4.1	20.2
6 10	16 28.95	−35 46.3	2.507	3.494	4.6	20.2
6 20	16 20.11	−35 23.3	2.537	3.491	6.7	20.3
6 30	16 12.77	−34 53.1	2.594	3.488	9.2	20.5
7 10	16 7.45	−34 19.5	2.673	3.485	11.5	20.7
294583 2007 YC_{65} 6 1.2 349.°62 4.°1/31.3 16						
5 1	16 58.76	−11 22.3	1.751	2.637	12.8	20.0
5 11	16 53.65	−11 15.9	1.684	2.632	9.5	19.8
5 21	16 46.60	−11 16.1	1.639	2.628	6.1	19.5
5 31	16 38.39	−11 24.8	1.620	2.624	4.1	19.4
6 10	16 30.02	−11 43.1	1.627	2.620	5.9	19.5
6 20	16 22.48	−12 11.3	1.660	2.618	9.3	19.7
6 30	16 16.63	−12 48.8	1.715	2.616	12.8	19.9
7 10	16 13.05	−13 34.5	1.791	2.615	15.8	20.1
45173 1999 XU_{136} 6 1.2 207.°82 2.°6/31.4 17						
5 1	17 3.84	−15 28.2	1.977	2.853	12.0	19.7
5 11	16 57.10	−15 10.2	1.901	2.848	8.7	19.5
5 21	16 48.43	−14 53.6	1.850	2.841	5.1	19.2
5 31	16 38.59	−14 40.1	1.826	2.834	2.6	19.1
6 10	16 28.58	−14 31.3	1.829	2.826	4.8	19.2
6 20	16 19.38	−14 28.9	1.860	2.818	8.5	19.4
6 30	16 11.85	−14 34.1	1.916	2.808	12.0	19.6
7 10	16 6.57	−14 47.5	1.992	2.798	15.1	19.8
420103 2011 ER_{85} 6 1.2 120.°67 1.°5/31.9 17						
5 1	17 5.25	−16 58.2	2.015	2.888	12.0	21.0
5 11	16 57.92	−17 12.6	1.959	2.905	8.5	20.9
5 21	16 48.77	−17 28.3	1.928	2.921	4.7	20.7
5 31	16 38.63	−17 45.3	1.925	2.937	1.5	20.5
6 10	16 28.49	−18 3.8	1.951	2.952	4.0	20.7
6 20	16 19.31	−18 24.0	2.004	2.967	7.7	20.9
6 30	16 11.86	−18 46.7	2.083	2.981	11.0	21.2
7 10	16 6.66	−19 12.6	2.184	2.995	13.8	21.4
26296 1998 SM_{116} 6 1.2 188.°55 1.°0/31.8 18						
5 1	17 0.85	−20 38.9	2.220	3.097	10.9	18.3
5 11	16 54.79	−20 12.1	2.148	3.096	7.7	18.1
5 21	16 47.08	−19 42.3	2.101	3.095	4.2	17.8
5 31	16 38.45	−19 10.9	2.081	3.094	1.0	17.6
6 10	16 29.76	−18 40.1	2.090	3.093	3.6	17.8
6 20	16 21.84	−18 12.2	2.127	3.091	7.2	18.0
6 30	16 15.42	−17 49.5	2.189	3.089	10.4	18.2
7 10	16 10.98	−17 33.7	2.273	3.086	13.2	18.4
384848 2012 SB_{11} 6 1.2 280.°17 2.°6/ 2.1 17						
5 1	17 2.25	−29 32.0	1.875	2.747	12.8	21.0
5 11	16 56.25	−29 33.8	1.798	2.740	9.4	20.8
5 21	16 48.07	−29 25.8	1.744	2.732	5.8	20.5
5 31	16 38.57	−29 7.2	1.716	2.725	2.7	20.3
6 10	16 28.89	−28 38.8	1.715	2.717	4.3	20.4
6 20	16 20.15	−28 3.7	1.740	2.710	8.0	20.6
6 30	16 13.31	−27 26.0	1.789	2.702	11.7	20.8
7 10	16 9.00	−26 50.3	1.860	2.695	14.9	21.0
20682 1999 VP_{23} 6 1.2 286.°46 0.°8/ 1.1 18						
5 1	17 3.66	−18 30.2	1.817	2.698	12.7	17.3
5 11	16 57.41	−18 56.8	1.726	2.676	9.2	17.0
5 21	16 48.84	−19 25.5	1.659	2.654	5.1	16.7
5 31	16 38.68	−19 55.6	1.619	2.632	1.0	16.4
6 10	16 28.03	−20 26.4	1.606	2.610	4.2	16.6
6 20	16 18.04	−20 57.8	1.619	2.587	8.7	16.8
6 30	16 9.79	−21 30.4	1.658	2.565	12.8	17.0
7 10	16 4.09	−22 5.3	1.717	2.543	16.3	17.2

2020	α_{2000}	δ_{2000}	Δ	r	β	V
250518 2004 NE_{31} 6 1.2 315.°01 2.°6/ 2.4 18						
	h m	° ′			°	m
5 1	17 0.12	−31 18.6	1.951	2.821	12.5	19.6
5 11	16 54.71	−30 51.6	1.863	2.803	9.3	19.4
5 21	16 47.22	−30 11.6	1.798	2.785	5.8	19.2
5 31	16 38.48	−29 18.8	1.759	2.767	2.8	18.9
6 10	16 29.58	−28 15.3	1.747	2.750	4.1	19.0
6 20	16 21.55	−27 5.6	1.762	2.733	7.8	19.2
6 30	16 15.32	−25 55.0	1.802	2.717	11.5	19.4
7 10	16 11.51	−24 49.0	1.863	2.701	14.7	19.5
10111 Fresnel 6 1.2 54.°87 9.°0/29.9 18						
5 1	17 1.04	− 0 21.9	1.672	2.534	14.6	16.3
5 11	16 55.21	+ 0 22.5	1.616	2.535	11.9	16.1
5 21	16 47.41	+ 0 51.1	1.582	2.536	9.7	16.0
5 31	16 38.50	+ 0 59.2	1.572	2.537	9.0	15.9
6 10	16 29.53	+ 0 44.5	1.586	2.538	10.1	16.0
6 20	16 21.50	+ 0 7.4	1.624	2.539	12.5	16.1
6 30	16 15.26	− 0 49.4	1.683	2.540	15.2	16.3
7 10	16 11.36	− 2 1.7	1.761	2.542	17.7	16.5
201756 2003 VR_{4} 6 1.2 314.°95 1.°1/ 1.6 17						
5 1	17 1.11	−25 21.2	1.760	2.643	12.9	20.3
5 11	16 55.48	−25 18.3	1.686	2.636	9.3	20.1
5 21	16 47.67	−25 8.9	1.635	2.629	5.3	19.8
5 31	16 38.54	−24 52.8	1.610	2.622	1.3	19.5
6 10	16 29.23	−24 31.3	1.611	2.616	4.0	19.7
6 20	16 20.85	−24 7.2	1.638	2.610	8.2	19.9
6 30	16 14.38	−23 43.9	1.689	2.604	12.1	20.1
7 10	16 10.43	−23 24.7	1.761	2.599	15.5	20.4
102638 1999 VQ_{38} 6 1.2 262.°79 0.°3/ 1.2 17						
5 1	17 4.07	−21 31.2	1.646	2.530	13.6	20.7
5 11	16 57.80	−21 29.4	1.563	2.514	9.8	20.4
5 21	16 49.06	−21 24.4	1.502	2.498	5.4	20.1
5 31	16 38.71	−21 16.2	1.468	2.481	0.7	19.7
6 10	16 27.98	−21 6.1	1.459	2.464	4.4	20.0
6 20	16 18.13	−20 56.1	1.477	2.447	9.2	20.2
6 30	16 10.30	−20 49.2	1.519	2.430	13.5	20.4
7 10	16 5.24	−20 47.9	1.580	2.412	17.2	20.6
347538 2000 AP_{1} 6 1.2 66.°02 6.°7/ 1.7 17						
5 1	17 14.21	− 3 59.5	1.147	2.018	19.1	19.8
5 11	17 4.76	− 4 55.2	1.117	2.053	14.4	19.6
5 21	16 52.55	− 6 10.5	1.109	2.087	9.7	19.5
5 31	16 39.05	− 7 43.4	1.124	2.122	6.8	19.4
6 10	16 26.00	− 9 28.8	1.166	2.156	8.2	19.6
6 20	16 14.88	−11 20.2	1.233	2.189	12.0	19.9
6 30	16 6.74	−13 12.4	1.324	2.223	15.9	20.2
7 10	16 2.03	−15 1.9	1.433	2.255	19.2	20.5
157484 2005 QC_{119} 6 1.2 159.°97 1.°8/ 1.9 17						
5 1	17 4.96	−27 41.9	2.074	2.940	12.0	22.0
5 11	16 57.86	−27 45.1	2.006	2.947	8.7	21.8
5 21	16 48.82	−27 40.6	1.963	2.952	5.1	21.5
5 31	16 38.66	−27 27.7	1.947	2.958	2.0	21.3
6 10	16 28.46	−27 7.4	1.959	2.962	3.7	21.5
6 20	16 19.21	−26 42.0	1.999	2.966	7.3	21.7
6 30	16 11.76	−26 15.2	2.064	2.970	10.7	21.9
7 10	16 6.67	−25 50.4	2.152	2.972	13.6	22.1
411846 2012 DD_{63} 6 1.2 183.°98 1.°1/31.9 17						
5 1	17 5.13	−19 51.7	1.886	2.763	12.5	22.9
5 11	16 58.07	−19 35.6	1.816	2.764	8.9	22.7
5 21	16 48.97	−19 17.1	1.769	2.764	4.9	22.5
5 31	16 38.68	−18 57.3	1.750	2.763	1.2	22.2
6 10	16 28.29	−18 38.1	1.759	2.762	4.2	22.4
6 20	16 18.84	−18 21.6	1.795	2.760	8.3	22.6
6 30	16 11.23	−18 10.3	1.856	2.757	12.0	22.9
7 10	16 6.04	−18 5.9	1.938	2.753	15.1	23.1
177096 2003 FP_{90} 6 1.2 67.°33 1.°5/31.6 18						
5 1	16 58.97	−19 36.2	2.167	3.048	10.9	19.6
5 11	16 53.45	−18 56.9	2.101	3.051	7.7	19.4
5 21	16 46.35	−18 15.2	2.060	3.054	4.3	19.2
5 31	16 38.38	−17 33.2	2.046	3.058	1.5	19.0
6 10	16 30.41	−16 53.6	2.060	3.061	3.9	19.2
6 20	16 23.23	−16 19.0	2.101	3.064	7.3	19.4
6 30	16 17.53	−15 51.7	2.167	3.067	10.5	19.6
7 10	16 13.77	−15 33.1	2.255	3.070	13.3	19.8
274469 2008 SR_{81} 6 1.2 226.°84 3.°5/31.2 17						
5 1	17 1.07	−13 41.6	1.839	2.721	12.5	20.8
5 11	16 55.20	−13 17.8	1.771	2.719	9.1	20.6
5 21	16 47.41	−12 57.3	1.727	2.717	5.6	20.4
5 31	16 38.51	−12 42.3	1.709	2.714	3.5	20.3
6 10	16 29.50	−12 34.8	1.718	2.712	5.5	20.4
6 20	16 21.34	−12 36.3	1.753	2.709	9.0	20.6
6 30	16 14.88	−12 47.5	1.811	2.707	12.5	20.8
7 10	16 10.68	−13 8.2	1.890	2.704	15.5	21.0

2020	α_{2000}	δ_{2000}	Δ	r	β	V
508670 2017 UM_{11}			6 1.2 210.°93	0.°9/ 1.5 18		
	h m	° ′			°	m
5 1	17 3.63	−24 29.2	2.314	3.182	10.8	21.9
5 11	16 56.87	−24 39.7	2.232	3.175	7.8	21.7
5 21	16 48.30	−24 45.9	2.176	3.168	4.4	21.5
5 31	16 38.62	−24 47.1	2.147	3.160	1.0	21.2
6 10	16 28.74	−24 43.8	2.147	3.151	3.3	21.4
6 20	16 19.57	−24 37.2	2.175	3.142	6.9	21.6
6 30	16 11.92	−24 29.7	2.230	3.132	10.2	21.8
7 10	16 6.36	−24 23.6	2.307	3.121	13.0	21.9
358469 2007 NO_2			6 1.2 290.°45	6.°3/30.1 18		
5 1	17 1.78	−11 26.2	1.325	2.220	15.6	20.5
5 11	16 56.49	−10 20.9	1.246	2.197	11.8	20.2
5 21	16 48.48	− 9 18.6	1.188	2.175	8.0	19.9
5 31	16 38.67	− 8 25.4	1.153	2.152	6.3	19.8
6 10	16 28.39	− 7 47.1	1.143	2.130	8.8	19.8
6 20	16 19.05	− 7 28.2	1.155	2.107	13.1	20.0
6 30	16 11.92	− 7 30.4	1.188	2.084	17.5	20.2
7 10	16 7.83	− 7 52.7	1.237	2.062	21.4	20.4
140549 2001 TU_{198}			6 1.2 135.°59	5.°0/30.5 18		
5 1	16 59.29	− 7 19.0	2.264	3.132	11.0	19.7
5 11	16 53.58	− 6 51.1	2.203	3.137	8.4	19.6
5 21	16 46.40	− 6 30.6	2.167	3.142	6.0	19.4
5 31	16 38.41	− 6 19.8	2.158	3.146	5.0	19.4
6 10	16 30.40	− 6 20.4	2.176	3.151	6.2	19.5
6 20	16 23.10	− 6 32.9	2.221	3.155	8.6	19.6
6 30	16 17.14	− 6 56.9	2.290	3.160	11.2	19.8
7 10	16 12.99	− 7 31.0	2.379	3.164	13.5	20.0
245111 2004 PM_{98}			6 1.2 273.°77	2.°3/31.5 18		
5 1	16 59.28	−14 38.1	2.329	3.206	10.4	20.0
5 11	16 53.70	−14 35.7	2.250	3.196	7.5	19.8
5 21	16 46.55	−14 36.0	2.195	3.186	4.5	19.6
5 31	16 38.44	−14 40.0	2.169	3.177	2.4	19.5
6 10	16 30.16	−14 48.5	2.170	3.167	4.2	19.6
6 20	16 22.49	−15 2.2	2.199	3.157	7.3	19.7
6 30	16 16.14	−15 21.6	2.253	3.148	10.4	19.9
7 10	16 11.61	−15 46.7	2.329	3.138	13.1	20.1
173994 2001 XS_{200}			6 1.2 173.°87	1.°8/ 2.2 18		
5 1	17 1.18	−29 44.8	2.500	3.360	10.4	20.5
5 11	16 54.93	−29 22.7	2.426	3.362	7.6	20.3
5 21	16 47.13	−28 51.8	2.376	3.363	4.5	20.1
5 31	16 38.49	−28 12.3	2.355	3.364	1.9	19.9
6 10	16 29.85	−27 26.2	2.363	3.365	3.2	20.0
6 20	16 22.00	−26 36.3	2.398	3.366	6.3	20.2
6 30	16 15.61	−25 46.2	2.461	3.366	9.2	20.4
7 10	16 11.14	−24 59.3	2.547	3.366	11.8	20.6
41171 1999 VJ_{176}			6 1.2 326.°94	6.°3/29.3 18		
5 1	16 57.69	−11 33.3	1.466	2.362	14.2	18.0
5 11	16 53.21	−10 4.2	1.395	2.346	10.8	17.8
5 21	16 46.51	− 8 36.9	1.345	2.330	7.5	17.5
5 31	16 38.44	− 7 18.3	1.321	2.316	6.4	17.4
6 10	16 30.17	− 6 15.0	1.320	2.301	8.6	17.5
6 20	16 22.83	− 5 31.6	1.343	2.288	12.2	17.7
6 30	16 17.41	− 5 10.5	1.387	2.275	16.0	17.9
7 10	16 14.56	− 5 10.8	1.448	2.264	19.3	18.1
120641 1996 PH_4			6 1.2 234.°39	1.°3/ 1.7 18		
5 1	17 3.83	−26 29.9	2.216	3.082	11.3	20.8
5 11	16 57.14	−26 25.7	2.127	3.068	8.2	20.5
5 21	16 48.50	−26 14.6	2.062	3.053	4.7	20.3
5 31	16 38.67	−25 56.4	2.025	3.037	1.4	20.0
6 10	16 28.59	−25 31.8	2.017	3.021	3.5	20.2
6 20	16 19.25	−25 3.3	2.037	3.004	7.2	20.4
6 30	16 11.51	−24 34.1	2.082	2.986	10.7	20.5
7 10	16 5.99	−24 7.5	2.150	2.968	13.7	20.7
509864 2009 AO_2			6 1.2 261.°57	2.°8/31.5 18		
5 1	17 2.56	−13 38.0	2.200	3.072	11.1	21.6
5 11	16 56.23	−13 33.5	2.106	3.049	8.2	21.4
5 21	16 48.03	−13 32.4	2.036	3.025	5.0	21.2
5 31	16 38.62	−13 36.0	1.994	3.001	2.8	21.0
6 10	16 28.86	−13 45.1	1.980	2.976	4.7	21.1
6 20	16 19.66	−14 0.7	1.995	2.950	8.2	21.2
6 30	16 11.87	−14 23.3	2.034	2.924	11.6	21.4
7 10	16 6.10	−14 52.9	2.095	2.897	14.6	21.5
320505 2007 XE_{22}			6 1.2 167.°89	0.°7/ 1.5 17		
5 1	17 5.66	−24 57.3	1.847	2.721	12.9	22.4
5 11	16 58.51	−24 46.9	1.779	2.725	9.2	22.1
5 21	16 49.23	−24 29.9	1.736	2.729	5.1	21.9
5 31	16 38.74	−24 6.4	1.719	2.732	1.0	21.6
6 10	16 28.20	−23 38.0	1.730	2.735	3.8	21.8
6 20	16 18.71	−23 7.8	1.768	2.737	8.0	22.1
6 30	16 11.18	−22 39.5	1.831	2.738	11.8	22.3
7 10	16 6.20	−22 16.3	1.916	2.739	15.0	22.5

2020	α_{2000}	δ_{2000}	Δ	r	β	V
20688 1999 VR_{62}			6 1.2 273.°86	0.°8/ 1.5 18		
	h m	° ′			°	m
5 1	17 0.27	−24 26.7	2.413	3.284	10.3	17.9
5 11	16 54.51	−24 34.4	2.322	3.267	7.4	17.6
5 21	16 47.04	−24 38.1	2.256	3.249	4.2	17.4
5 31	16 38.51	−24 37.5	2.218	3.231	1.0	17.1
6 10	16 29.72	−24 33.0	2.208	3.212	3.2	17.3
6 20	16 21.52	−24 25.8	2.226	3.194	6.7	17.5
6 30	16 14.68	−24 18.0	2.270	3.175	9.9	17.6
7 10	16 9.77	−24 11.8	2.336	3.157	12.7	17.8
15949 Rhaeticus			6 1.2 137.°69	2.°9/31.6 18		
5 1	17 5.79	−15 0.4	1.630	2.511	13.9	18.0
5 11	16 58.66	−14 52.6	1.572	2.521	10.0	17.7
5 21	16 49.32	−14 47.9	1.538	2.530	5.8	17.5
5 31	16 38.75	−14 47.5	1.530	2.539	2.9	17.3
6 10	16 28.16	−14 52.8	1.549	2.548	5.3	17.5
6 20	16 18.70	−15 4.6	1.595	2.556	9.4	17.8
6 30	16 11.29	−15 23.7	1.663	2.563	13.2	18.0
7 10	16 6.52	−15 50.1	1.753	2.570	16.4	18.2
152548 5085 T-2			6 1.2 181.°35	0.°6/ 1.0 17		
5 1	17 3.21	−22 17.3	2.056	2.931	11.7	21.0
5 11	16 56.57	−21 44.4	1.984	2.932	8.3	20.8
5 21	16 48.11	−21 6.6	1.938	2.932	4.5	20.6
5 31	16 38.62	−20 25.4	1.919	2.932	0.7	20.3
6 10	16 29.09	−19 43.4	1.928	2.932	3.7	20.5
6 20	16 20.46	−19 3.6	1.966	2.931	7.6	20.7
6 30	16 13.52	−18 29.4	2.028	2.929	11.1	21.0
7 10	16 8.79	−18 2.9	2.112	2.927	14.1	21.2
433487 2013 WF_{12}			6 1.2 239.°61	3.°5/31.1 18		
5 1	17 1.64	−13 30.7	1.952	2.831	12.0	21.1
5 11	16 55.60	−13 2.5	1.874	2.820	8.8	20.9
5 21	16 47.66	−12 37.0	1.821	2.809	5.5	20.7
5 31	16 38.58	−12 16.5	1.794	2.798	3.5	20.5
6 10	16 29.30	−12 3.5	1.794	2.787	5.5	20.6
6 20	16 20.78	−11 59.4	1.821	2.775	8.9	20.8
6 30	16 13.87	−12 5.5	1.872	2.763	12.4	21.0
7 10	16 9.14	−12 21.7	1.944	2.750	15.4	21.2
237514 2000 SO_2			6 1.2 256.°98	1.°3/31.9 18		
5 1	17 4.35	−17 40.4	2.056	2.930	11.7	20.6
5 11	16 57.66	−17 55.2	1.963	2.910	8.5	20.4
5 21	16 48.89	−18 11.5	1.895	2.889	4.7	20.1
5 31	16 38.74	−18 29.2	1.855	2.867	1.3	19.8
6 10	16 28.18	−18 48.4	1.843	2.845	4.0	20.0
6 20	16 18.23	−19 9.3	1.859	2.823	8.1	20.2
6 30	16 9.86	−19 33.0	1.900	2.800	11.8	20.3
7 10	16 3.75	−20 0.2	1.963	2.776	15.0	20.5
23406 Kozlov			6 1.2 268.°49	0.°3/ 1.4 18		
5 1	17 4.56	−23 43.5	1.692	2.572	13.5	18.4
5 11	16 58.22	−23 33.6	1.600	2.549	9.8	18.1
5 21	16 49.35	−23 17.6	1.531	2.526	5.5	17.8
5 31	16 38.80	−22 55.5	1.488	2.502	0.7	17.4
6 10	16 27.79	−22 28.6	1.472	2.478	4.3	17.6
6 20	16 17.61	−21 59.9	1.483	2.453	9.1	17.8
6 30	16 9.42	−21 33.5	1.517	2.427	13.5	18.0
7 10	16 4.03	−21 13.2	1.571	2.401	17.4	18.2
122375 2000 QO_{64}			6 1.2 327.°32	5.°8/31.4 18		
5 1	17 0.12	−10 56.9	1.092	1.997	17.2	18.8
5 11	16 55.69	−10 42.1	1.023	1.980	12.9	18.5
5 21	16 48.21	−10 37.7	0.973	1.964	8.5	18.2
5 31	16 38.68	−10 47.5	0.944	1.948	5.8	18.0
6 10	16 28.64	−11 14.0	0.937	1.934	8.3	18.1
6 20	16 19.71	−11 57.4	0.952	1.921	13.1	18.3
6 30	16 13.32	−12 56.1	0.987	1.908	18.0	18.5
7 10	16 10.39	−14 7.1	1.037	1.897	22.3	18.7
502987 2015 FG_{75}			6 1.2 86.°97	2.°8/ 2.0 17		
5 1	17 4.83	−29 7.3	1.921	2.788	12.7	21.7
5 11	16 57.88	−29 34.1	1.867	2.806	9.3	21.5
5 21	16 48.86	−29 52.5	1.837	2.823	5.7	21.3
5 31	16 38.72	−30 0.6	1.833	2.840	2.9	21.2
6 10	16 28.58	−29 58.6	1.857	2.857	4.3	21.3
6 20	16 19.53	−29 48.5	1.907	2.874	7.7	21.5
6 30	16 12.44	−29 33.8	1.982	2.890	11.0	21.8
7 10	16 7.84	−29 18.4	2.079	2.906	13.8	22.0
72613 2001 FK_{20}			6 1.2 3.°30	1.°4/ 1.7 18		
5 1	17 1.21	−26 34.2	1.704	2.586	13.3	18.7
5 11	16 55.55	−26 25.0	1.637	2.586	9.6	18.5
5 21	16 47.71	−26 7.6	1.592	2.586	5.5	18.2
5 31	16 38.59	−25 42.2	1.574	2.586	1.6	18.0
6 10	16 29.40	−25 10.6	1.581	2.587	4.0	18.1
6 20	16 21.24	−24 36.2	1.615	2.588	8.2	18.4
6 30	16 15.07	−24 3.0	1.672	2.589	12.1	18.6
7 10	16 11.47	−23 34.7	1.750	2.590	15.4	18.8

2020	α_{2000}	δ_{2000}	Δ	r	β	V
179495 2002 CT_{65}			6 1.3 110°48	0°5/ 1.4 18		
	h m	° ′			°	m
5 1	17 0.91	−22 48.7	2.298	3.172	10.7	20.0
5 11	16 54.90	−23 6.8	2.228	3.174	7.6	19.8
5 21	16 47.21	−23 22.3	2.183	3.177	4.2	19.6
5 31	16 38.55	−23 34.6	2.166	3.179	0.7	19.3
6 10	16 29.77	−23 43.9	2.177	3.181	3.2	19.5
6 20	16 21.71	−23 51.0	2.216	3.184	6.7	19.7
6 30	16 15.11	−23 57.4	2.280	3.186	9.8	19.9
7 10	16 10.48	−24 5.0	2.367	3.188	12.5	20.1
177362 2004 BZ_{5}			6 1.3 18°23	1°3/31.9 17		
5 1	17 1.11	−20 14.3	1.234	2.137	15.9	20.0
5 11	16 55.91	−19 58.2	1.180	2.140	11.3	19.7
5 21	16 48.05	−19 39.6	1.147	2.145	6.2	19.4
5 31	16 38.65	−19 20.2	1.137	2.150	1.4	19.1
6 10	16 29.20	−19 2.5	1.151	2.156	5.2	19.4
6 20	16 21.09	−18 49.5	1.188	2.162	10.3	19.7
6 30	16 15.44	−18 44.0	1.246	2.170	14.9	20.0
7 10	16 12.87	−18 47.5	1.323	2.178	18.7	20.3
98397 2000 UC_{3}			6 1.3 210°07	1°3/31.8 17		
5 1	17 4.74	−19 55.4	1.783	2.663	12.9	20.4
5 11	16 57.98	−19 32.8	1.708	2.658	9.3	20.2
5 21	16 49.03	−19 7.3	1.657	2.652	5.1	19.9
5 31	16 38.78	−18 40.4	1.632	2.645	1.4	19.7
6 10	16 28.35	−18 14.2	1.635	2.637	4.4	19.9
6 20	16 18.86	−17 51.4	1.664	2.629	8.7	20.1
6 30	16 11.28	−17 35.0	1.718	2.620	12.7	20.3
7 10	16 6.22	−17 26.9	1.792	2.611	16.0	20.5
21869 1999 TE_{296}			6 1.3 2°96	0°6/ 1.1 18		
5 1	17 1.94	−20 1.7	1.700	2.587	13.1	18.2
5 11	16 56.06	−20 11.4	1.634	2.586	9.4	18.0
5 21	16 48.01	−20 20.3	1.590	2.586	5.1	17.7
5 31	16 38.67	−20 28.3	1.573	2.586	0.8	17.4
6 10	16 29.17	−20 35.9	1.582	2.587	4.1	17.6
6 20	16 20.62	−20 44.3	1.617	2.587	8.5	17.9
6 30	16 13.98	−20 55.1	1.676	2.588	12.4	18.1
7 10	16 9.87	−21 9.7	1.755	2.589	15.7	18.3
62175 2000 SZ_{35}			6 1.3 309°71	2°9/31.4 17		
5 1	17 0.14	−16 54.8	1.501	2.396	14.0	19.7
5 11	16 55.09	−16 23.0	1.422	2.378	10.2	19.4
5 21	16 47.63	−15 50.9	1.366	2.361	5.9	19.1
5 31	16 38.64	−15 21.1	1.334	2.343	2.9	18.9
6 10	16 29.31	−14 56.8	1.327	2.327	5.7	19.0
6 20	16 20.89	−14 41.1	1.344	2.310	10.2	19.2
6 30	16 14.47	−14 36.3	1.383	2.294	14.6	19.4
7 10	16 10.78	−14 43.4	1.441	2.279	18.3	19.6
259038 2002 TK_{250}			6 1.3 279°65	1°2/31.9 18		
5 1	17 2.69	−20 46.7	1.584	2.472	13.8	20.9
5 11	16 56.89	−20 19.5	1.499	2.453	10.0	20.6
5 21	16 48.62	−19 47.7	1.438	2.434	5.5	20.3
5 31	16 38.76	−19 13.0	1.401	2.414	1.3	19.9
6 10	16 28.53	−18 38.2	1.391	2.395	4.8	20.1
6 20	16 19.21	−18 6.9	1.406	2.375	9.6	20.3
6 30	16 11.91	−17 42.7	1.444	2.355	14.1	20.6
7 10	16 7.39	−17 28.4	1.501	2.335	17.9	20.8
138061 2000 DE_{39}			6 1.3 178°25	4°2/30.7 17		
5 1	17 2.90	−11 32.5	2.063	2.935	11.8	21.0
5 11	16 56.30	−10 52.9	1.996	2.937	8.7	20.8
5 21	16 47.97	−10 17.2	1.955	2.939	5.7	20.7
5 31	16 38.68	− 9 48.3	1.941	2.939	4.2	20.6
6 10	16 29.33	− 9 28.6	1.954	2.940	5.9	20.7
6 20	16 20.80	− 9 19.7	1.995	2.939	8.9	20.8
6 30	16 13.85	− 9 22.5	2.060	2.938	12.0	21.0
7 10	16 8.97	− 9 36.3	2.146	2.936	14.6	21.2
334871 2003 UD_{194}			6 1.3 242°90	5°2/ 2.4 18		
5 1	17 6.36	−35 9.2	2.113	2.960	12.5	20.7
5 11	16 59.33	−36 2.1	2.031	2.950	9.8	20.5
5 21	16 49.91	−36 44.5	1.972	2.940	7.0	20.3
5 31	16 38.92	−37 12.4	1.939	2.929	5.3	20.2
6 10	16 27.53	−37 23.9	1.934	2.919	6.0	20.2
6 20	16 16.94	−37 20.1	1.956	2.908	8.6	20.4
6 30	16 8.25	−37 4.6	2.002	2.896	11.5	20.5
7 10	16 2.21	−36 42.4	2.069	2.885	14.3	20.7
507607 2013 CQ_{56}			6 1.3 142°33	0°6/31.9 17		
5 1	16 59.32	−20 45.1	2.940	3.809	8.7	23.0
5 11	16 53.37	−20 27.5	2.876	3.820	6.2	22.9
5 21	16 46.24	−20 7.8	2.838	3.831	3.3	22.7
5 31	16 38.48	−19 46.9	2.829	3.842	0.7	22.5
6 10	16 30.73	−19 26.2	2.849	3.852	2.8	22.7
6 20	16 23.60	−19 7.0	2.899	3.861	5.6	22.9
6 30	16 17.61	−18 51.1	2.975	3.870	8.1	23.1
7 10	16 13.13	−18 39.5	3.075	3.879	10.3	23.2

2020	α_{2000}	δ_{2000}	Δ	r	β	V
437187 2012 VX_{97}			6 1.3 256°72	3°7/30.9 18		
	h m	° ′			°	m
5 1	17 0.88	−11 41.0	2.243	3.115	10.9	21.3
5 11	16 54.95	−11 16.3	2.154	3.096	8.1	21.1
5 21	16 47.33	−10 55.3	2.091	3.076	5.3	20.9
5 31	16 38.63	−10 40.1	2.055	3.055	3.7	20.7
6 10	16 29.68	−10 32.8	2.047	3.035	5.4	20.8
6 20	16 21.32	−10 34.6	2.065	3.013	8.4	21.0
6 30	16 14.31	−10 46.3	2.109	2.991	11.5	21.1
7 10	16 9.22	−11 7.7	2.174	2.969	14.3	21.3
308403 2005 SV_{78}			6 1.3 205°70	0°8/31.9 18		
5 1	16 59.22	−19 56.4	2.655	3.528	9.4	22.4
5 11	16 53.51	−19 43.8	2.578	3.524	6.7	22.2
5 21	16 46.41	−19 29.7	2.526	3.520	3.7	22.0
5 31	16 38.51	−19 14.7	2.503	3.516	0.9	21.8
6 10	16 30.52	−19 0.2	2.509	3.511	3.1	21.9
6 20	16 23.13	−18 47.4	2.543	3.506	6.2	22.1
6 30	16 16.95	−18 38.2	2.603	3.501	9.1	22.3
7 10	16 12.43	−18 33.5	2.686	3.496	11.5	22.5
126093 2001 YU_{101}			6 1.3 238°21	2°3/31.6 18		
5 1	17 3.06	−15 54.3	2.117	2.991	11.4	20.2
5 11	16 56.60	−15 43.6	2.031	2.976	8.3	20.0
5 21	16 48.26	−15 34.1	1.969	2.961	4.8	19.7
5 31	16 38.74	−15 27.2	1.935	2.945	2.3	19.5
6 10	16 28.95	−15 24.1	1.930	2.928	4.5	19.7
6 20	16 19.82	−15 26.1	1.952	2.911	8.1	19.8
6 30	16 12.22	−15 34.4	1.999	2.893	11.6	20.0
7 10	16 6.74	−15 49.7	2.068	2.874	14.6	20.2
36627 2000 QM_{165}			6 1.3 166°48	0°4/ 1.5 18		
5 1	17 3.32	−24 30.6	2.224	3.094	11.1	19.8
5 11	16 56.59	−24 16.0	2.154	3.099	8.0	19.6
5 21	16 48.13	−23 55.9	2.110	3.103	4.4	19.4
5 31	16 38.71	−23 30.8	2.093	3.106	0.7	19.1
6 10	16 29.26	−23 2.2	2.105	3.110	3.3	19.3
6 20	16 20.66	−22 32.6	2.145	3.112	6.9	19.5
6 30	16 13.66	−22 5.0	2.211	3.114	10.2	19.7
7 10	16 8.77	−21 42.0	2.299	3.115	13.0	19.9
239553 2008 SL_{138}			6 1.3 237°89	3°5/30.9 17		
5 1	17 0.72	−13 36.3	2.003	2.882	11.8	20.4
5 11	16 54.90	−13 2.3	1.928	2.874	8.6	20.2
5 21	16 47.30	−12 30.8	1.878	2.867	5.4	20.0
5 31	16 38.63	−12 4.2	1.854	2.858	3.5	19.9
6 10	16 29.81	−11 45.0	1.858	2.850	5.4	20.0
6 20	16 21.75	−11 35.0	1.888	2.841	8.7	20.1
6 30	16 15.24	−11 35.5	1.943	2.833	12.0	20.3
7 10	16 10.84	−11 46.5	2.018	2.823	14.9	20.5
306732 2000 WB_{166}			6 1.3 199°94	0°6/ 1.1 18		
5 1	17 0.41	−19 44.0	2.508	3.381	9.9	20.9
5 11	16 54.44	−19 52.9	2.433	3.379	7.0	20.7
5 21	16 46.96	−20 1.1	2.383	3.377	3.8	20.5
5 31	16 38.59	−20 8.7	2.362	3.375	0.7	20.2
6 10	16 30.09	−20 16.1	2.369	3.372	3.1	20.4
6 20	16 22.21	−20 24.0	2.404	3.370	6.4	20.6
6 30	16 15.62	−20 33.6	2.466	3.367	9.4	20.8
7 10	16 10.82	−20 45.9	2.551	3.364	12.0	21.0
122835 2000 SO_{116}			6 1.3 237°87	0°5/ 1.4 18		
5 1	17 3.10	−23 56.2	2.019	2.894	11.9	20.8
5 11	16 56.75	−23 54.7	1.936	2.883	8.6	20.5
5 21	16 48.38	−23 48.4	1.878	2.872	4.8	20.3
5 31	16 38.75	−23 37.1	1.847	2.860	0.8	19.9
6 10	16 28.90	−23 21.8	1.844	2.849	3.6	20.1
6 20	16 19.84	−23 4.6	1.868	2.836	7.7	20.4
6 30	16 12.47	−22 48.2	1.917	2.824	11.3	20.6
7 10	16 7.41	−22 35.5	1.987	2.811	14.5	20.8
117212 2004 RE_{214}			6 1.3 265°40	4°6/29.6 18		
5 1	16 57.66	−10 7.5	2.399	3.272	10.3	19.5
5 11	16 52.45	− 8 58.3	2.327	3.266	7.8	19.4
5 21	16 45.85	− 7 52.3	2.281	3.259	5.5	19.2
5 31	16 38.46	− 6 53.1	2.263	3.252	4.7	19.1
6 10	16 31.01	− 6 4.2	2.272	3.245	6.1	19.2
6 20	16 24.19	− 5 28.0	2.308	3.239	8.6	19.4
6 30	16 18.61	− 5 5.8	2.368	3.232	11.1	19.5
7 10	16 14.71	− 4 57.3	2.449	3.225	13.4	19.7
172779 2004 ET_{65}			6 1.3 185°64	2°3/31.7 18		
5 1	17 1.42	−14 30.9	2.107	2.983	11.4	19.9
5 11	16 55.33	−14 39.1	2.037	2.983	8.2	19.7
5 21	16 47.50	−14 50.7	1.992	2.983	4.8	19.5
5 31	16 38.65	−15 6.3	1.974	2.983	2.4	19.3
6 10	16 29.67	−15 26.4	1.984	2.983	4.3	19.4
6 20	16 21.43	−15 51.1	2.022	2.983	7.7	19.7
6 30	16 14.69	−16 20.6	2.085	2.982	11.0	19.9
7 10	16 10.00	−16 54.8	2.169	2.982	13.8	20.0

496107 2009 WH 6 1.3 272°.77 2°.7/31.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 1	17 1.49	−17 3.4	1.720	2.606	13.0	20.9
5 11	16 55.78	−16 27.5	1.641	2.593	9.4	20.7
5 21	16 47.92	−15 50.8	1.586	2.579	5.5	20.4
5 31	16 38.73	−15 15.8	1.556	2.566	2.7	20.2
6 10	16 29.30	−14 45.5	1.554	2.552	5.3	20.3
6 20	16 20.73	−14 22.9	1.576	2.539	9.4	20.5
6 30	16 13.98	−14 10.4	1.623	2.525	13.3	20.7
7 10	16 9.70	−14 9.0	1.689	2.511	16.7	20.9

32138 2000 LQ_{19} 6 1.3 291°.30 3°.5/30.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 0.81	−16 44.7	1.624	2.514	13.4	17.2
5 11	16 55.41	−15 42.8	1.542	2.495	9.8	17.0
5 21	16 47.77	−14 38.1	1.483	2.476	5.9	16.7
5 31	16 38.72	−13 34.8	1.450	2.458	3.5	16.5
6 10	16 29.40	−12 37.7	1.443	2.439	6.1	16.6
6 20	16 20.95	−11 51.3	1.461	2.420	10.3	16.8
6 30	16 14.38	−11 19.2	1.502	2.401	14.4	17.0
7 10	16 10.37	−11 2.7	1.562	2.383	17.9	17.2

504690 2009 HO_{43} 6 1.3 90°.22 1°.5/31.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 0.35	−18 6.5	2.175	3.054	11.0	21.5
5 11	16 54.43	−17 53.9	2.118	3.067	7.8	21.3
5 21	16 46.94	−17 41.0	2.085	3.079	4.3	21.1
5 31	16 38.60	−17 29.1	2.080	3.092	1.5	20.9
6 10	16 30.29	−17 19.5	2.103	3.104	3.8	21.1
6 20	16 22.78	−17 13.7	2.153	3.116	7.2	21.4
6 30	16 16.78	−17 12.9	2.228	3.129	10.3	21.6
7 10	16 12.72	−17 17.9	2.326	3.141	12.9	21.8

261077 2005 SQ_{214} 6 1.3 241°.75 1°.4/31.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	16 58.97	−19 18.6	2.564	3.439	9.7	20.8
5 11	16 53.39	−18 42.9	2.481	3.428	6.9	20.6
5 21	16 46.39	−18 4.9	2.423	3.417	3.8	20.3
5 31	16 38.55	−17 26.2	2.394	3.405	1.4	20.1
6 10	16 30.62	−16 49.0	2.394	3.394	3.5	20.3
6 20	16 23.28	−16 15.6	2.422	3.382	6.7	20.5
6 30	16 17.18	−15 48.2	2.476	3.370	9.6	20.6
7 10	16 12.79	−15 28.2	2.552	3.357	12.2	20.8

314029 2004 XJ_{76} 6 1.3 239°.10 0°.1/ 1.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 5.28	−23 50.8	1.630	2.511	13.9	21.3
5 11	16 58.68	−23 31.6	1.550	2.499	10.0	21.0
5 21	16 49.60	−23 5.5	1.493	2.488	5.5	20.7
5 31	16 38.95	−22 32.9	1.462	2.475	0.7	20.3
6 10	16 28.04	−21 56.1	1.457	2.462	4.3	20.6
6 20	16 18.13	−21 18.9	1.479	2.449	9.1	20.8
6 30	16 10.34	−20 45.5	1.524	2.435	13.5	21.0
7 10	16 5.38	−20 19.7	1.590	2.421	17.2	21.2

258992 2002 TU_{48} 6 1.3 266°.81 2°.6/ 1.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 5.44	−28 9.7	1.725	2.598	13.6	20.9
5 11	16 58.95	−28 27.7	1.636	2.579	10.1	20.7
5 21	16 49.85	−28 37.7	1.570	2.559	6.1	20.4
5 31	16 39.01	−28 37.5	1.529	2.539	2.7	20.1
6 10	16 27.68	−28 26.7	1.515	2.518	4.7	20.2
6 20	16 17.21	−28 7.4	1.527	2.497	8.9	20.4
6 30	16 8.81	−27 43.8	1.563	2.475	13.1	20.6
7 10	16 3.30	−27 20.7	1.620	2.454	16.8	20.8

124492 2001 RO_{38} 6 1.3 157°.50 1°.6/31.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 3.16	−18 59.0	1.939	2.818	12.1	20.3
5 11	16 56.63	−18 34.5	1.874	2.823	8.6	20.1
5 21	16 48.24	−18 8.3	1.834	2.828	4.8	19.9
5 31	16 38.80	−17 42.2	1.821	2.832	1.6	19.7
6 10	16 29.34	−17 18.1	1.835	2.837	4.2	19.9
6 20	16 20.79	−16 58.5	1.877	2.840	8.0	20.1
6 30	16 13.99	−16 45.4	1.943	2.843	11.5	20.3
7 10	16 9.43	−16 40.2	2.031	2.846	14.5	20.5

506702 2006 UP_{76} 6 1.3 149°.79 0°.1/ 1.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 0.13	−23 7.4	2.656	3.526	9.5	22.4
5 11	16 54.11	−22 45.9	2.588	3.533	6.8	22.2
5 21	16 46.73	−22 20.5	2.547	3.540	3.7	22.0
5 31	16 38.62	−21 52.0	2.533	3.547	0.4	21.8
6 10	16 30.52	−21 22.2	2.549	3.553	2.9	22.0
6 20	16 23.11	−20 53.0	2.594	3.559	6.0	22.2
6 30	16 16.98	−20 26.6	2.665	3.565	8.8	22.4
7 10	16 12.55	−20 4.8	2.759	3.570	11.2	22.6

488766 2004 TW_{135} 6 1.3 275°.25 6°.8/ 2.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 7.80	−38 44.3	1.949	2.787	13.8	21.8
5 11	17 0.82	−39 35.0	1.853	2.762	11.2	21.5
5 21	16 50.99	−40 12.2	1.779	2.736	8.5	21.3
5 31	16 39.16	−40 30.5	1.730	2.710	6.9	21.2
6 10	16 26.67	−40 27.2	1.707	2.683	7.5	21.1
6 20	16 14.99	−40 3.5	1.710	2.656	9.9	21.2
6 30	16 5.47	−39 24.2	1.736	2.629	13.1	21.4
7 10	15 59.03	−38 36.3	1.783	2.601	16.1	21.5

355571 2008 CA_{76} 6 1.3 139°.33 6°.1/ 3.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 1	17 5.25	−41 31.5	2.522	3.339	11.7	20.9
5 11	16 58.20	−42 10.5	2.454	3.345	9.5	20.8
5 21	16 49.15	−42 35.3	2.409	3.351	7.5	20.7
5 31	16 38.91	−42 43.0	2.390	3.357	6.2	20.6
6 10	16 28.55	−42 33.1	2.398	3.362	6.4	20.6
6 20	16 19.09	−42 7.6	2.432	3.367	8.0	20.7
6 30	16 11.41	−41 30.3	2.491	3.372	10.0	20.9
7 10	16 6.09	−40 46.4	2.573	3.377	12.1	21.0

129035 2004 US_2 6 1.3 254°.28 4°.9/30.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 1.36	− 9 48.1	1.819	2.697	12.8	19.9
5 11	16 55.50	− 9 25.1	1.750	2.692	9.6	19.7
5 21	16 47.71	− 9 9.0	1.703	2.686	6.5	19.5
5 31	16 38.76	− 9 2.4	1.683	2.681	4.9	19.4
6 10	16 29.64	− 9 7.2	1.689	2.675	6.5	19.5
6 20	16 21.34	− 9 24.3	1.720	2.669	9.8	19.6
6 30	16 14.73	− 9 53.3	1.775	2.663	13.1	19.8
7 10	16 10.38	−10 32.9	1.850	2.657	16.0	20.0

291097 2005 YW_{136} 6 1.3 265°.22 3°.0/ 2.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 6.79	−29 20.3	1.448	2.326	15.5	20.9
5 11	17 0.30	−29 25.7	1.363	2.308	11.5	20.6
5 21	16 50.74	−29 19.3	1.300	2.289	7.1	20.3
5 31	16 39.13	−28 58.8	1.261	2.270	3.2	20.0
6 10	16 27.00	−28 24.6	1.247	2.250	5.3	20.1
6 20	16 15.97	−27 40.6	1.258	2.230	10.1	20.3
6 30	16 7.46	−26 53.1	1.292	2.210	14.9	20.5
7 10	16 2.34	−26 8.8	1.345	2.189	19.0	20.7

90283 2003 DH_{22} 6 1.3 94°.37 7°.9/30.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 1.46	− 2 57.9	1.701	2.569	14.1	19.3
5 11	16 55.51	− 2 14.8	1.649	2.575	11.2	19.1
5 21	16 47.65	− 1 45.1	1.618	2.581	8.8	19.0
5 31	16 38.74	− 1 32.8	1.613	2.587	7.9	19.0
6 10	16 29.82	− 1 40.4	1.632	2.593	9.1	19.0
6 20	16 21.86	− 2 7.6	1.675	2.599	11.6	19.2
6 30	16 15.68	− 2 52.4	1.740	2.605	14.4	19.4
7 10	16 11.80	− 3 51.5	1.825	2.611	17.0	19.6

130897 2000 VS_{30} 6 1.3 242°.90 0°.9/ 1.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 5.83	−19 26.3	1.710	2.590	13.4	20.1
5 11	16 59.06	−19 34.5	1.626	2.576	9.7	19.8
5 21	16 49.84	−19 42.3	1.567	2.561	5.3	19.6
5 31	16 39.02	−19 49.5	1.533	2.546	1.0	19.2
6 10	16 27.81	−19 56.6	1.527	2.531	4.4	19.4
6 20	16 17.43	−20 4.6	1.547	2.515	9.0	19.7
6 30	16 9.02	−20 15.5	1.592	2.498	13.3	19.9
7 10	16 3.32	−20 31.0	1.657	2.481	16.9	20.1

305612 2008 YY_{160} 6 1.3 127°.26 3°.4/ 2.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 8.68	−29 35.9	1.545	2.416	15.0	21.3
5 11	17 1.15	−30 5.0	1.486	2.427	11.1	21.1
5 21	16 50.93	−30 23.7	1.450	2.437	6.9	20.9
5 31	16 39.13	−30 29.1	1.439	2.446	3.6	20.7
6 10	16 27.26	−30 21.1	1.455	2.456	5.2	20.8
6 20	16 16.75	−30 2.6	1.496	2.465	9.2	21.0
6 30	16 8.74	−29 38.7	1.561	2.473	13.1	21.3
7 10	16 3.87	−29 14.6	1.646	2.481	16.5	21.5

431865 2008 SU_{121} 6 1.3 66°.42 1°.3/31.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 1.23	−20 12.5	1.774	2.660	12.7	21.0
5 11	16 55.41	−19 43.6	1.712	2.664	9.0	20.8
5 21	16 47.63	−19 11.8	1.673	2.668	5.0	20.6
5 31	16 38.74	−18 39.1	1.660	2.673	1.4	20.3
6 10	16 29.84	−18 8.1	1.674	2.677	4.3	20.5
6 20	16 21.91	−17 41.5	1.714	2.682	8.3	20.8
6 30	16 15.81	−17 22.0	1.779	2.686	12.0	21.0
7 10	16 12.06	−17 11.2	1.864	2.691	15.2	21.2

90873 1996 TE_{44} 6 1.3 308°.49 1°.4/ 1.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 2.26	−25 46.0	1.589	2.475	14.0	20.4
5 11	16 56.61	−25 47.4	1.515	2.465	10.1	20.1
5 21	16 48.51	−25 41.6	1.462	2.456	5.8	19.8
5 31	16 38.87	−25 28.0	1.435	2.447	1.6	19.5
6 10	16 28.98	−25 7.7	1.433	2.439	4.3	19.7
6 20	16 20.10	−24 43.7	1.457	2.430	8.9	19.9
6 30	16 13.33	−24 19.8	1.503	2.422	13.1	20.2
7 10	16 9.37	−24 0.0	1.570	2.414	16.7	20.4

312502 2009 BP_{151} 6 1.3 110°.31 5°.2/30.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 4.10	−11 19.2	1.512	2.396	14.6	20.9
5 11	16 57.54	−10 35.7	1.461	2.408	10.8	20.7
5 21	16 48.80	− 9 58.3	1.433	2.419	7.1	20.5
5 31	16 38.89	− 9 30.9	1.431	2.430	5.2	20.4
6 10	16 29.04	− 9 16.3	1.454	2.441	7.1	20.6
6 20	16 20.38	− 9 16.2	1.501	2.452	10.7	20.8
6 30	16 13.82	− 9 30.4	1.571	2.462	14.3	21.0
7 10	16 9.87	− 9 57.5	1.660	2.472	17.4	21.3

2020	α_{2000}	δ_{2000}	Δ	r	β	V
334807 2003 SK_{293}			6 1.3 226°.48	2°.8/ 2.3 18		
	h m	° ′			°	m
5 1	17 3.12	−30 18.8	1.970	2.837	12.5	20.6
5 11	16 56.84	−30 21.5	1.896	2.834	9.3	20.4
5 21	16 48.47	−30 14.1	1.845	2.830	5.7	20.1
5 31	16 38.86	−29 55.8	1.820	2.827	2.9	20.0
6 10	16 29.12	−29 27.4	1.822	2.824	4.2	20.0
6 20	16 20.32	−28 51.8	1.852	2.820	7.7	20.2
6 30	16 13.38	−28 13.2	1.906	2.816	11.2	20.4
7 10	16 8.88	−27 36.1	1.981	2.812	14.2	20.6
43482 2001 BW_{32}			6 1.3 223°.52	3°.1/31.2 18		
5 1	17 4.20	−14 47.0	1.946	2.822	12.2	19.5
5 11	16 57.52	−14 17.3	1.866	2.811	8.9	19.3
5 21	16 48.83	−13 49.0	1.809	2.799	5.4	19.1
5 31	16 38.91	−13 24.2	1.780	2.786	3.1	18.9
6 10	16 28.77	−13 5.3	1.778	2.773	5.3	19.0
6 20	16 19.41	−12 54.4	1.804	2.759	8.9	19.2
6 30	16 11.72	−12 53.0	1.854	2.744	12.5	19.4
7 10	16 6.32	−13 1.7	1.925	2.728	15.6	19.6
425935 2011 GL_{61}			6 1.3 22°.10	3°.4/31.7 17		
5 1	17 2.05	−13 16.0	1.577	2.465	13.9	20.1
5 11	16 56.20	−13 19.6	1.517	2.467	10.1	19.9
5 21	16 48.16	−13 29.0	1.479	2.470	6.1	19.7
5 31	16 38.83	−13 45.3	1.466	2.474	3.4	19.5
6 10	16 29.38	−14 9.1	1.479	2.477	5.6	19.7
6 20	16 20.94	−14 40.4	1.518	2.481	9.5	19.9
6 30	16 14.46	−15 18.8	1.579	2.486	13.3	20.1
7 10	16 10.54	−16 3.5	1.661	2.490	16.6	20.4
11858 1988 RC_{11}			6 1.3 183°.47	0°.7/ 1.0 18		
5 1	16 59.31	−20 14.9	2.782	3.653	9.1	19.0
5 11	16 53.54	−20 4.0	2.708	3.653	6.5	18.9
5 21	16 46.46	−19 51.5	2.659	3.653	3.5	18.7
5 31	16 38.63	−19 38.0	2.640	3.653	0.8	18.4
6 10	16 30.74	−19 24.6	2.649	3.652	2.9	18.6
6 20	16 23.44	−19 12.7	2.687	3.651	5.9	18.8
6 30	16 17.30	−19 3.8	2.752	3.649	8.6	19.0
7 10	16 12.75	−18 59.0	2.839	3.647	11.0	19.2
363210 2001 UC_{212}			6 1.3 161°.14	1°.1/31.9 16		
5 1	17 5.21	−21 55.0	1.485	2.372	14.6	21.1
5 11	16 58.56	−21 14.2	1.422	2.375	10.5	20.8
5 21	16 49.47	−20 27.4	1.382	2.378	5.7	20.5
5 31	16 38.99	−19 37.0	1.367	2.380	1.2	20.2
6 10	16 28.49	−18 46.9	1.379	2.383	4.8	20.5
6 20	16 19.23	−18 1.6	1.416	2.384	9.6	20.8
6 30	16 12.25	−17 25.4	1.476	2.386	13.9	21.0
7 10	16 8.14	−17 0.8	1.555	2.387	17.5	21.3
290173 2005 RJ_{29}			6 1.3 207°.05	4°.4/29.7 18		
5 1	16 57.73	− 7 20.2	3.018	3.878	8.8	21.4
5 11	16 52.30	− 6 30.3	2.944	3.872	6.8	21.3
5 21	16 45.75	− 5 45.0	2.896	3.865	5.0	21.2
5 31	16 38.56	− 5 6.9	2.876	3.858	4.4	21.1
6 10	16 31.31	− 4 38.0	2.885	3.850	5.4	21.2
6 20	16 24.54	− 4 19.8	2.922	3.842	7.4	21.3
6 30	16 18.77	− 4 12.8	2.984	3.834	9.5	21.4
7 10	16 14.36	− 4 16.5	3.068	3.825	11.4	21.5
290507 2005 UO_{29}			6 1.3 248°.46	0°.4/ 1.4 18		
5 1	17 0.21	−23 34.0	2.646	3.516	9.6	21.4
5 11	16 54.37	−23 33.8	2.557	3.501	6.9	21.2
5 21	16 47.01	−23 30.1	2.493	3.486	3.8	20.9
5 31	16 38.72	−23 22.9	2.457	3.470	0.6	20.7
6 10	16 30.23	−23 12.9	2.450	3.454	2.9	20.8
6 20	16 22.30	−23 1.4	2.471	3.438	6.2	21.0
6 30	16 15.60	−22 50.4	2.519	3.422	9.2	21.2
7 10	16 10.64	−22 41.8	2.590	3.405	11.8	21.3
116567 2004 BV_{84}			6 1.3 261°.09	0°.1/ 1.4 18		
5 1	16 52.66	−23 33.0	4.498	5.364	6.0	20.4
5 11	16 48.52	−23 22.1	4.418	5.361	4.3	20.3
5 21	16 43.63	−23 9.0	4.365	5.358	2.3	20.1
5 31	16 38.32	−22 54.0	4.341	5.355	0.3	19.9
6 10	16 32.98	−22 37.9	4.347	5.351	1.8	20.1
6 20	16 27.96	−22 21.6	4.382	5.348	3.7	20.2
6 30	16 23.61	−22 6.1	4.445	5.345	5.6	20.3
7 10	16 20.20	−21 52.4	4.532	5.341	7.2	20.4
233501 2007 EQ_{27}			6 1.3 342°.03	3°.7/ 2.2 17		
5 1	17 2.90	−29 23.4	1.046	1.947	18.2	19.7
5 11	16 58.04	−29 35.6	0.984	1.940	13.6	19.4
5 21	16 49.67	−29 33.8	0.941	1.934	8.3	19.1
5 31	16 39.06	−29 15.5	0.919	1.929	3.9	18.8
6 10	16 28.13	−28 41.9	0.919	1.925	6.1	18.9
6 20	16 18.78	−27 58.0	0.941	1.921	11.5	19.2
6 30	16 12.54	−27 11.8	0.982	1.918	16.6	19.5
7 10	16 10.22	−26 30.4	1.041	1.916	21.1	19.7

2020	α_{2000}	δ_{2000}	Δ	r	β	V
263523 2008 ET_{153}			6 1.3 346°.22	1°.2/ 1.1 18		
	h m	° ′			°	m
5 1	17 0.54	−17 34.5	2.082	2.962	11.3	19.7
5 11	16 54.83	−17 52.8	2.010	2.960	8.1	19.4
5 21	16 47.34	−18 12.8	1.963	2.957	4.5	19.2
5 31	16 38.78	−18 34.2	1.942	2.955	1.3	19.0
6 10	16 30.05	−18 57.1	1.950	2.953	3.7	19.2
6 20	16 22.03	−19 21.8	1.984	2.951	7.4	19.4
6 30	16 15.53	−19 48.6	2.044	2.950	10.8	19.6
7 10	16 11.10	−20 18.3	2.126	2.949	13.7	19.8
314054 2005 AJ_{34}			6 1.3 75°.48	0°.6/ 1.2 17		
5 1	17 5.10	−21 44.4	1.363	2.254	15.4	21.3
5 11	16 58.53	−21 28.9	1.315	2.269	10.9	21.1
5 21	16 49.45	−21 9.2	1.288	2.284	5.9	20.8
5 31	16 39.02	−20 46.5	1.286	2.299	0.9	20.5
6 10	16 28.71	−20 23.3	1.309	2.314	4.7	20.8
6 20	16 19.80	−20 2.7	1.357	2.329	9.5	21.1
6 30	16 13.33	−19 48.1	1.427	2.344	13.8	21.4
7 10	16 9.83	−19 41.5	1.517	2.359	17.3	21.7
184270 2004 XU_{41}			6 1.3 127°.80	2°.8/31.6 18		
5 1	17 5.78	−18 14.9	1.147	2.047	17.0	20.0
5 11	16 59.47	−17 37.2	1.091	2.049	12.3	19.7
5 21	16 50.17	−16 57.9	1.056	2.052	6.9	19.4
5 31	16 39.12	−16 20.2	1.043	2.055	2.9	19.2
6 10	16 28.00	−15 48.4	1.055	2.057	6.3	19.4
6 20	16 18.37	−15 26.4	1.089	2.059	11.6	19.7
6 30	16 11.49	−15 17.1	1.145	2.061	16.4	19.9
7 10	16 8.01	−15 21.5	1.217	2.063	20.5	20.2
168812 2000 SA_{189}			6 1.3 340°.63	4°.2/31.0 17		
5 1	16 59.40	−16 40.6	1.101	2.011	16.7	19.1
5 11	16 55.07	−15 43.3	1.040	2.002	12.2	18.8
5 21	16 47.86	−14 44.9	0.998	1.994	7.3	18.5
5 31	16 38.87	−13 50.6	0.978	1.987	4.2	18.3
6 10	16 29.65	−13 6.4	0.981	1.980	7.3	18.5
6 20	16 21.72	−12 37.2	1.005	1.975	12.4	18.7
6 30	16 16.34	−12 25.8	1.049	1.971	17.2	19.0
7 10	16 14.23	−12 32.3	1.110	1.967	21.3	19.2
178077 2006 ST_{127}			6 1.3 193°.62	4°.0/30.7 18		
5 1	16 59.24	− 8 22.9	2.778	3.640	9.4	21.2
5 11	16 53.47	− 8 1.0	2.706	3.638	7.1	21.1
5 21	16 46.44	− 7 44.3	2.659	3.635	5.0	20.9
5 31	16 38.69	− 7 34.9	2.641	3.632	4.0	20.9
6 10	16 30.86	− 7 33.9	2.651	3.628	5.1	20.9
6 20	16 23.58	− 7 42.0	2.689	3.624	7.3	21.1
6 30	16 17.40	− 7 59.3	2.753	3.619	9.7	21.2
7 10	16 12.73	− 8 25.0	2.838	3.614	11.8	21.4
5414 Sokolov			6 1.3 268°.05	0°.8/ 1.6 18		
5 1	17 1.35	−24 44.6	2.066	2.942	11.6	17.4
5 11	16 55.52	−24 45.3	1.987	2.934	8.4	17.2
5 21	16 47.77	−24 40.8	1.932	2.925	4.7	17.0
5 31	16 38.86	−24 31.0	1.904	2.917	1.0	16.7
6 10	16 29.76	−24 16.8	1.903	2.908	3.5	16.9
6 20	16 21.43	−24 0.2	1.930	2.900	7.3	17.1
6 30	16 14.72	−23 43.8	1.981	2.891	10.9	17.3
7 10	16 10.23	−23 30.4	2.054	2.882	13.9	17.5
131547 2001 VD_{12}			6 1.3 251°.36	6°.0/ 2.5 17		
5 1	17 8.92	−34 40.1	1.532	2.394	15.7	20.1
5 11	17 1.93	−35 25.1	1.452	2.381	12.2	19.8
5 21	16 51.72	−35 56.4	1.393	2.368	8.6	19.6
5 31	16 39.35	−36 8.6	1.359	2.355	6.1	19.4
6 10	16 26.43	−35 59.7	1.349	2.341	7.1	19.4
6 20	16 14.67	−35 31.9	1.365	2.326	10.6	19.6
6 30	16 5.55	−34 51.6	1.403	2.312	14.5	19.8
7 10	15 59.97	−34 6.6	1.460	2.297	18.1	20.0
146250 2000 YZ_{11}			6 1.3 169°.36	8°.2/28.5 18		
5 1	16 58.45	+10 25.7	3.125	3.912	10.3	20.3
5 11	16 52.74	+11 2.8	3.072	3.916	9.2	20.2
5 21	16 45.98	+11 25.5	3.042	3.920	8.4	20.2
5 31	16 38.64	+11 31.2	3.037	3.923	8.2	20.2
6 10	16 31.29	+11 18.6	3.057	3.925	8.7	20.2
6 20	16 24.47	+10 48.2	3.101	3.928	9.7	20.3
6 30	16 18.64	+10 1.7	3.168	3.929	11.0	20.4
7 10	16 14.16	+ 9 1.6	3.255	3.930	12.2	20.5
373540 2001 TV_{207}			6 1.3 247°.72	0°.1/ 1.4 17		
5 1	17 3.62	−22 54.6	1.844	2.723	12.6	22.3
5 11	16 57.34	−22 50.6	1.762	2.711	9.1	22.0
5 21	16 48.86	−22 42.3	1.704	2.699	5.0	21.7
5 31	16 39.00	−22 29.6	1.673	2.686	0.6	21.4
6 10	16 28.88	−22 13.7	1.669	2.674	3.9	21.6
6 20	16 19.59	−21 57.0	1.691	2.661	8.2	21.8
6 30	16 12.13	−21 42.3	1.738	2.647	12.2	22.0
7 10	16 7.17	−21 32.4	1.806	2.633	15.6	22.2

174535 2003 EF_{37} 6 1.3 45°.97 8°.7/31.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 1	17 0.80	+ 2 51.7	1.922	2.766	13.7	19.3
5 11	16 54.85	+ 3 6.6	1.876	2.779	11.4	19.2
5 21	16 47.26	+ 3 4.0	1.852	2.792	9.4	19.1
5 31	16 38.81	+ 2 41.0	1.852	2.806	8.7	19.1
6 10	16 30.40	+ 1 57.2	1.878	2.820	9.4	19.1
6 20	16 22.88	+ 0 54.5	1.928	2.834	11.3	19.3
6 30	16 16.95	− 0 23.6	2.000	2.848	13.5	19.5
7 10	16 13.06	− 1 53.0	2.093	2.863	15.6	19.6

498329 2007 VW_{210} 6 1.3 264°.77 2°.3/ 1.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 5.62	−28 4.8	1.539	2.418	14.7	22.4
5 11	16 59.27	−28 6.8	1.456	2.402	10.9	22.1
5 21	16 50.14	−27 58.8	1.395	2.386	6.5	21.8
5 31	16 39.18	−27 39.0	1.359	2.370	2.5	21.5
6 10	16 27.82	−27 8.6	1.349	2.353	4.8	21.6
6 20	16 17.49	−26 30.8	1.364	2.336	9.5	21.8
6 30	16 9.48	−25 51.2	1.402	2.319	14.0	22.1
7 10	16 4.59	−25 15.1	1.460	2.302	17.9	22.3

310509 2000 WF_{102} 6 1.3 236°.88 3°.1/31.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	16 59.43	−11 17.5	2.854	3.720	9.1	21.4
5 11	16 53.67	−11 3.3	2.767	3.705	6.7	21.3
5 21	16 46.61	−10 52.7	2.706	3.689	4.4	21.1
5 31	16 38.75	−10 47.1	2.674	3.673	3.1	21.0
6 10	16 30.73	−10 47.6	2.670	3.657	4.4	21.0
6 20	16 23.18	−10 55.1	2.695	3.640	6.8	21.2
6 30	16 16.69	−11 9.8	2.746	3.623	9.4	21.3
7 10	16 11.69	−11 31.7	2.819	3.605	11.6	21.4

223248 2003 FB_{59} 6 1.3 69°.21 5°.3/ 2.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 7.23	−33 14.3	1.606	2.470	14.9	20.1
5 11	17 0.25	−34 9.2	1.549	2.481	11.4	19.9
5 21	16 50.55	−34 51.7	1.514	2.491	7.8	19.7
5 31	16 39.22	−35 17.3	1.505	2.502	5.4	19.6
6 10	16 27.75	−35 25.0	1.521	2.513	6.4	19.7
6 20	16 17.55	−35 16.7	1.562	2.523	9.5	19.9
6 30	16 9.82	−34 57.5	1.626	2.534	12.9	20.1
7 10	16 5.21	−34 33.6	1.711	2.545	16.0	20.4

470260 2007 AX_{10} 6 1.3 81°.82 7°.4/31.2 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 4.19	− 2 57.6	1.652	2.516	14.6	21.1
5 11	16 57.39	− 2 38.3	1.611	2.537	11.5	21.0
5 21	16 48.67	− 2 33.7	1.592	2.557	8.7	20.8
5 31	16 38.99	− 2 46.4	1.598	2.577	7.4	20.8
6 10	16 29.43	− 3 17.2	1.630	2.597	8.6	20.9
6 20	16 20.99	− 4 4.7	1.686	2.617	11.1	21.1
6 30	16 14.47	− 5 5.9	1.766	2.637	14.0	21.3
7 10	16 10.34	− 6 17.3	1.865	2.656	16.5	21.6

25338 1999 RE_{2} 6 1.3 214°.32 3°.8/30.8 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 3.52	−13 9.4	2.049	2.922	11.8	19.3
5 11	16 56.93	−12 24.2	1.971	2.914	8.7	19.1
5 21	16 48.51	−11 40.8	1.918	2.904	5.5	18.9
5 31	16 38.99	−11 2.2	1.893	2.894	3.8	18.7
6 10	16 29.31	−10 31.5	1.895	2.883	5.7	18.8
6 20	16 20.39	−10 11.0	1.925	2.872	9.0	19.0
6 30	16 13.05	−10 2.1	1.979	2.859	12.3	19.2
7 10	16 7.84	−10 5.1	2.054	2.846	15.1	19.4

123705 2000 YV_{112} 6 1.3 245°.89 0°.7/ 1.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 3.23	−24 28.7	2.103	2.975	11.6	20.4
5 11	16 56.90	−24 29.1	2.016	2.961	8.4	20.2
5 21	16 48.57	−24 24.6	1.953	2.946	4.7	19.9
5 31	16 39.00	−24 14.7	1.918	2.931	1.0	19.6
6 10	16 29.16	−24 0.2	1.911	2.916	3.5	19.8
6 20	16 20.05	−23 43.2	1.931	2.900	7.5	20.0
6 30	16 12.55	−23 26.3	1.977	2.883	11.1	20.2
7 10	16 7.31	−23 12.4	2.044	2.866	14.2	20.3

427489 2002 AW_{109} 6 1.3 147°.35 1°.9/31.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 3.13	−16 55.3	2.188	3.062	11.1	21.8
5 11	16 56.46	−16 41.1	2.126	3.072	8.0	21.6
5 21	16 48.15	−16 27.4	2.089	3.081	4.5	21.4
5 31	16 38.94	−16 15.4	2.079	3.090	1.9	21.3
6 10	16 29.71	−16 6.5	2.099	3.098	4.0	21.4
6 20	16 21.31	−16 1.9	2.146	3.105	7.4	21.7
6 30	16 14.44	−16 3.1	2.218	3.112	10.6	21.9
7 10	16 9.60	−16 10.6	2.313	3.119	13.2	22.1

120154 2003 HP_{4} 6 1.3 316°.66 1°.6/31.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 0.25	−16 37.1	2.142	3.021	11.1	19.4
5 11	16 54.61	−16 46.1	2.067	3.016	8.0	19.2
5 21	16 47.25	−16 56.9	2.017	3.011	4.5	19.0
5 31	16 38.84	−17 10.0	1.995	3.006	1.7	18.8
6 10	16 30.27	−17 25.9	2.000	3.001	3.9	19.0
6 20	16 22.38	−17 45.0	2.032	2.997	7.4	19.2
6 30	16 15.94	−18 7.7	2.089	2.992	10.7	19.4
7 10	16 11.51	−18 34.6	2.169	2.988	13.6	19.5

398848 2013 CV_{42} 6 1.3 202°.77 3°.1/ 2.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 1	17 2.16	−32 2.9	2.580	3.433	10.4	21.5
5 11	16 55.88	−32 24.2	2.502	3.430	7.8	21.3
5 21	16 47.91	−32 37.4	2.449	3.427	5.1	21.1
5 31	16 38.93	−32 40.7	2.423	3.424	3.2	21.0
6 10	16 29.80	−32 34.2	2.426	3.421	4.0	21.1
6 20	16 21.35	−32 19.4	2.456	3.417	6.5	21.2
6 30	16 14.34	−31 59.0	2.513	3.414	9.2	21.4
7 10	16 9.30	−31 36.4	2.592	3.410	11.7	21.5

203741 2002 QM_{96} 6 1.3 225°.66 0°.8/ 1.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 2.33	−24 22.6	2.138	3.011	11.4	21.1
5 11	16 56.16	−24 27.7	2.060	3.006	8.2	20.9
5 21	16 48.13	−24 28.3	2.007	3.000	4.6	20.7
5 31	16 38.96	−24 23.9	1.981	2.994	1.0	20.4
6 10	16 29.62	−24 15.4	1.983	2.988	3.4	20.6
6 20	16 21.05	−24 4.3	2.013	2.982	7.2	20.8
6 30	16 14.06	−23 53.1	2.067	2.975	10.6	21.0
7 10	16 9.24	−23 44.3	2.144	2.968	13.6	21.2

85123 1978 VC_{8} 6 1.3 208°.34 0°.6/ 1.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 5.73	−22 52.7	1.592	2.474	14.1	20.1
5 11	16 58.97	−22 17.8	1.520	2.470	10.1	19.8
5 21	16 49.79	−21 36.1	1.471	2.466	5.5	19.5
5 31	16 39.16	−20 49.1	1.447	2.461	0.8	19.2
6 10	16 28.40	−20 0.3	1.451	2.455	4.5	19.5
6 20	16 18.75	−19 13.9	1.480	2.449	9.2	19.7
6 30	16 11.27	−18 34.5	1.534	2.442	13.5	19.9
7 10	16 6.61	−18 5.3	1.607	2.435	17.1	20.2

217597 2008 GA_{127} 6 1.3 264°.21 4°.5/30.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	16 58.43	− 7 59.2	2.433	3.301	10.4	20.1
5 11	16 53.09	− 7 39.5	2.360	3.295	7.9	19.9
5 21	16 46.33	− 7 26.3	2.313	3.289	5.6	19.8
5 31	16 38.75	− 7 21.6	2.292	3.283	4.5	19.7
6 10	16 31.06	− 7 26.9	2.298	3.277	5.7	19.7
6 20	16 23.95	− 7 42.7	2.332	3.270	8.1	19.9
6 30	16 18.06	− 8 8.8	2.390	3.264	10.7	20.0
7 10	16 13.85	− 8 44.1	2.470	3.258	13.0	20.2

205648 2001 XD_{98} 6 1.3 188°.80 0°.1/ 1.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 7.06	−21 32.1	1.736	2.613	13.4	20.3
5 11	16 59.82	−21 40.0	1.665	2.613	9.6	20.0
5 21	16 50.23	−21 45.1	1.617	2.612	5.3	19.8
5 31	16 39.22	−21 46.9	1.596	2.610	0.6	19.4
6 10	16 28.01	−21 46.2	1.603	2.607	4.1	19.7
6 20	16 17.80	−21 44.5	1.636	2.604	8.6	19.9
6 30	16 9.62	−21 44.3	1.694	2.600	12.6	20.2
7 10	16 4.14	−21 48.0	1.772	2.596	16.0	20.4

140825 2001 UZ_{167} 6 1.3 264°.76 3°.1/ 2.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 2.43	−32 44.9	2.299	3.155	11.4	19.7
5 11	16 56.26	−32 36.0	2.209	3.139	8.6	19.5
5 21	16 48.19	−32 15.9	2.142	3.123	5.6	19.3
5 31	16 38.98	−31 43.6	2.103	3.106	3.2	19.1
6 10	16 29.58	−31 0.2	2.091	3.090	4.1	19.1
6 20	16 20.96	−30 8.7	2.107	3.073	7.1	19.3
6 30	16 13.95	−29 13.4	2.149	3.056	10.3	19.4
7 10	16 9.14	−28 18.8	2.213	3.039	13.1	19.6

167485 2003 YS_{63} 6 1.3 259°.41 3°.7/31.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 2.10	−11 4.7	2.216	3.086	11.2	20.3
5 11	16 55.95	−10 58.2	2.127	3.066	8.3	20.0
5 21	16 48.03	−10 57.1	2.062	3.047	5.4	19.8
5 31	16 38.97	−11 2.8	2.025	3.026	3.7	19.7
6 10	16 29.62	−11 16.5	2.016	3.006	5.2	19.7
6 20	16 20.83	−11 38.7	2.034	2.985	8.4	19.9
6 30	16 13.42	−12 9.4	2.078	2.963	11.6	20.1
7 10	16 7.98	−12 48.0	2.143	2.941	14.4	20.2

357776 2005 SX_{199} 6 1.3 283°.27 5°.5/29.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	16 58.41	− 7 41.3	2.199	3.071	11.2	20.9
5 11	16 53.26	− 6 49.0	2.118	3.053	8.6	20.7
5 21	16 46.51	− 6 2.3	2.062	3.035	6.4	20.6
5 31	16 38.79	− 5 24.8	2.031	3.017	5.5	20.5
6 10	16 30.88	− 4 59.6	2.028	2.999	6.9	20.5
6 20	16 23.57	− 4 48.7	2.050	2.981	9.5	20.7
6 30	16 17.58	− 4 52.6	2.096	2.963	12.2	20.8
7 10	16 13.42	− 5 10.3	2.163	2.945	14.8	20.9

379377 2009 WZ_{261} 6 1.3 196°.59 1°.2/ 1.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 4.55	−17 29.7	2.185	3.056	11.2	21.1
5 11	16 57.66	−17 46.5	2.108	3.053	8.1	20.9
5 21	16 48.93	−18 4.7	2.057	3.050	4.5	20.7
5 31	16 39.08	−18 23.9	2.034	3.047	1.3	20.4
6 10	16 29.04	−18 44.3	2.040	3.043	3.7	20.6
6 20	16 19.71	−19 6.0	2.075	3.038	7.4	20.8
6 30	16 11.92	−19 29.8	2.135	3.033	10.7	21.0
7 10	16 6.24	−19 56.4	2.218	3.027	13.6	21.2

2020	α_{2000}	δ_{2000}	Δ	r	β	V
222697 2002 AZ_{15}			6 1.3 174°.40	0°.6/ 1.2 18		
	h m	° ′			°	m
5 1	17 3.67	−20 35.5	2.289	3.159	10.8	21.4
5 11	16 56.90	−20 32.7	2.217	3.162	7.7	21.2
5 21	16 48.45	−20 28.0	2.171	3.165	4.2	21.0
5 31	16 39.02	−20 21.5	2.153	3.167	0.7	20.7
6 10	16 29.51	−20 14.4	2.165	3.168	3.4	20.9
6 20	16 20.75	−20 8.0	2.204	3.169	6.9	21.1
6 30	16 13.50	−20 4.0	2.269	3.169	10.1	21.3
7 10	16 8.27	−20 4.1	2.357	3.168	12.9	21.5
519695 2013 AU_{186}			6 1.3 67°.08	2°.0/ 2.1 15		
5 1	17 0.80	−28 50.2	2.236	3.104	11.2	21.5
5 11	16 54.95	−28 51.2	2.171	3.111	8.2	21.3
5 21	16 47.40	−28 44.3	2.131	3.119	4.9	21.1
5 31	16 38.90	−28 29.3	2.117	3.126	2.2	21.0
6 10	16 30.37	−28 7.3	2.131	3.134	3.5	21.1
6 20	16 22.68	−27 40.4	2.172	3.141	6.7	21.3
6 30	16 16.56	−27 11.9	2.239	3.149	9.8	21.5
7 10	16 12.52	−26 44.8	2.328	3.157	12.5	21.7
279325 2009 XR_{18}			6 1.3 193°.41	3°.8/31.3 18		
5 1	17 2.45	−10 51.0	2.165	3.034	11.4	21.0
5 11	16 56.09	−10 38.5	2.093	3.033	8.4	20.8
5 21	16 48.03	−10 31.3	2.047	3.031	5.5	20.6
5 31	16 38.99	−10 31.1	2.028	3.028	3.8	20.5
6 10	16 29.82	−10 39.3	2.037	3.025	5.4	20.6
6 20	16 21.37	−10 56.2	2.073	3.022	8.3	20.8
6 30	16 14.39	−11 21.8	2.134	3.018	11.4	20.9
7 10	16 9.39	−11 55.5	2.217	3.013	14.0	21.1
134540 1999 RZ_{91}			6 1.3 227°.68	0°.3/ 1.4 17 R		
5 1	17 5.67	−23 43.4	2.060	2.930	11.9	21.1
5 11	16 58.66	−23 34.8	1.972	2.917	8.6	20.9
5 21	16 49.58	−23 21.0	1.909	2.902	4.8	20.6
5 31	16 39.18	−23 1.8	1.873	2.887	0.7	20.3
6 10	16 28.51	−22 38.6	1.866	2.871	3.6	20.5
6 20	16 18.62	−22 13.8	1.887	2.854	7.7	20.7
6 30	16 10.43	−21 50.4	1.933	2.836	11.5	20.9
7 10	16 4.59	−21 31.6	2.001	2.817	14.7	21.1
98275 2000 SB_{211}			6 1.3 261°.11	2°.7/31.7 18		
5 1	17 4.58	−16 20.2	1.552	2.438	14.2	19.6
5 11	16 58.36	−16 7.3	1.471	2.422	10.3	19.3
5 21	16 49.61	−15 55.9	1.413	2.407	6.0	19.0
5 31	16 39.21	−15 47.6	1.380	2.390	2.7	18.8
6 10	16 28.41	−15 44.2	1.373	2.374	5.5	18.9
6 20	16 18.49	−15 47.5	1.392	2.357	10.1	19.1
6 30	16 10.63	−15 59.1	1.433	2.339	14.4	19.3
7 10	16 5.58	−16 19.8	1.494	2.322	18.2	19.5
32817 1991 PZ_{5}			6 1.3 15°.41	5°.5/ 3.1 18		
5 1	17 4.14	−35 3.9	1.506	2.374	15.6	17.5
5 11	16 58.22	−35 27.3	1.443	2.376	12.0	17.3
5 21	16 49.53	−35 34.7	1.402	2.378	8.3	17.1
5 31	16 39.19	−35 23.1	1.384	2.381	5.7	16.9
6 10	16 28.73	−34 52.9	1.391	2.385	6.5	17.0
6 20	16 19.61	−34 8.0	1.422	2.389	9.7	17.2
6 30	16 13.00	−33 15.1	1.475	2.393	13.4	17.4
7 10	16 9.55	−32 21.2	1.549	2.397	16.7	17.6
340366 2006 DC_{126}			6 1.3 311°.94	2°.0/31.7 17		
5 1	17 0.78	−18 29.1	1.661	2.551	13.2	21.3
5 11	16 55.40	−18 3.2	1.589	2.542	9.5	21.1
5 21	16 47.85	−17 35.9	1.539	2.534	5.3	20.8
5 31	16 39.00	−17 9.2	1.515	2.527	2.0	20.6
6 10	16 29.95	−16 45.8	1.517	2.519	4.8	20.7
6 20	16 21.82	−16 28.2	1.545	2.512	9.1	21.0
6 30	16 15.56	−16 18.7	1.595	2.505	13.0	21.2
7 10	16 11.80	−16 18.7	1.666	2.498	16.5	21.4
200720 2001 UP_{221}			6 1.3 81°.47	0°.9/ 1.5 18		
5 1	17 7.50	−23 38.1	1.314	2.202	16.1	20.3
5 11	17 0.43	−23 52.0	1.266	2.219	11.5	20.0
5 21	16 50.63	−24 0.4	1.240	2.235	6.4	19.8
5 31	16 39.32	−24 2.2	1.239	2.252	1.2	19.5
6 10	16 28.08	−23 58.3	1.262	2.268	4.7	19.8
6 20	16 18.36	−23 51.3	1.311	2.284	9.6	20.1
6 30	16 11.28	−23 45.0	1.382	2.300	14.0	20.4
7 10	16 7.40	−23 42.4	1.472	2.316	17.6	20.7
250887 2005 UZ_{517}			6 1.3 187°.99	2°.8/31.2 18		
5 1	16 58.80	−12 47.4	2.731	3.601	9.3	21.6
5 11	16 53.23	−12 29.8	2.659	3.601	6.8	21.4
5 21	16 46.38	−12 15.0	2.613	3.600	4.3	21.2
5 31	16 38.81	−12 4.4	2.595	3.598	2.8	21.1
6 10	16 31.17	−11 59.4	2.606	3.597	4.2	21.2
6 20	16 24.09	−12 0.9	2.645	3.595	6.7	21.4
6 30	16 18.13	−12 9.3	2.710	3.593	9.3	21.6
7 10	16 13.72	−12 24.6	2.797	3.590	11.5	21.7

2020	α_{2000}	δ_{2000}	Δ	r	β	V
261781 2006 BG_{132}			6 1.3 61°.28	4°.5/29.0 18		
	h m	° ′			°	m
5 1	16 51.94	− 0 3.9	4.246	5.084	6.9	20.6
5 11	16 48.05	+ 0 29.3	4.186	5.087	5.7	20.5
5 21	16 43.45	+ 0 55.8	4.152	5.090	4.7	20.4
5 31	16 38.46	+ 1 13.9	4.146	5.093	4.5	20.4
6 10	16 33.47	+ 1 22.8	4.166	5.096	5.1	20.5
6 20	16 28.79	+ 1 21.9	4.213	5.100	6.1	20.5
6 30	16 24.75	+ 1 11.5	4.285	5.103	7.4	20.6
7 10	16 21.62	+ 0 52.3	4.378	5.106	8.6	20.7
303813 2005 SD_{77}			6 1.3 216°.90	4°.2/ 2.7 16		
5 1	17 3.00	−34 13.6	2.301	3.151	11.5	21.3
5 11	16 56.71	−34 44.1	2.227	3.150	8.9	21.1
5 21	16 48.48	−35 4.4	2.177	3.149	6.1	21.0
5 31	16 39.09	−35 12.2	2.153	3.148	4.3	20.8
6 10	16 29.51	−35 7.1	2.157	3.148	4.9	20.9
6 20	16 20.74	−34 50.8	2.188	3.147	7.4	21.0
6 30	16 13.64	−34 26.7	2.244	3.146	10.2	21.2
7 10	16 8.79	−33 59.0	2.323	3.145	12.7	21.4
136366 2004 EK_{5}			6 1.3 195°.31	5°.3/30.1 18		
5 1	16 59.41	− 6 24.4	2.408	3.271	10.6	20.1
5 11	16 53.77	− 5 44.6	2.341	3.269	8.2	19.9
5 21	16 46.72	− 5 11.8	2.298	3.267	6.1	19.8
5 31	16 38.87	− 4 48.8	2.282	3.265	5.3	19.7
6 10	16 30.95	− 4 37.8	2.294	3.262	6.4	19.8
6 20	16 23.66	− 4 39.6	2.332	3.259	8.7	19.9
6 30	16 17.62	− 4 54.1	2.395	3.256	11.1	20.1
7 10	16 13.29	− 5 20.2	2.479	3.252	13.3	20.2
375886 2009 VO_{71}			6 1.3 181°.02	0°.6/ 1.1 17		
5 1	17 3.16	−21 11.4	2.101	2.976	11.5	21.9
5 11	16 56.68	−20 57.6	2.029	2.977	8.2	21.7
5 21	16 48.40	−20 40.8	1.983	2.977	4.5	21.4
5 31	16 39.08	−20 21.8	1.964	2.977	0.8	21.2
6 10	16 29.67	−20 2.2	1.973	2.977	3.6	21.4
6 20	16 21.08	−19 44.0	2.010	2.976	7.4	21.6
6 30	16 14.11	−19 29.6	2.072	2.974	10.8	21.8
7 10	16 9.29	−19 20.7	2.156	2.972	13.7	22.0
215341 2001 UW_{224}			6 1.3 81°.65	0°.2/ 1.3 17		
5 1	17 3.67	−19 48.8	2.181	3.053	11.2	20.4
5 11	16 56.92	−20 19.6	2.125	3.071	7.9	20.2
5 21	16 48.48	−20 49.9	2.095	3.089	4.3	20.0
5 31	16 39.09	−21 18.9	2.093	3.106	0.5	19.8
6 10	16 29.67	−21 46.1	2.119	3.124	3.3	20.0
6 20	16 21.09	−22 11.7	2.174	3.141	6.9	20.3
6 30	16 14.09	−22 36.5	2.255	3.158	10.0	20.5
7 10	16 9.16	−23 1.7	2.358	3.175	12.7	20.7
175335 2005 NL_{39}			6 1.3 302°.79	5°.2/ 3.1 18		
5 1	17 3.18	−36 24.5	2.012	2.862	12.9	19.6
5 11	16 57.16	−36 49.2	1.932	2.853	10.2	19.4
5 21	16 48.86	−37 0.6	1.875	2.843	7.3	19.2
5 31	16 39.15	−36 55.9	1.843	2.834	5.3	19.0
6 10	16 29.19	−36 34.8	1.837	2.825	5.9	19.0
6 20	16 20.14	−35 59.7	1.857	2.815	8.5	19.2
6 30	16 13.04	−35 15.2	1.901	2.806	11.5	19.3
7 10	16 8.54	−34 27.0	1.967	2.798	14.3	19.5
213973 2003 YU_{140}			6 1.3 76°.02	4°.2/ 2.7 17		
5 1	17 6.45	−33 21.1	1.989	2.844	12.9	20.1
5 11	16 59.12	−33 53.7	1.943	2.870	9.7	20.0
5 21	16 49.72	−34 14.4	1.920	2.895	6.5	19.8
5 31	16 39.24	−34 21.2	1.923	2.921	4.3	19.7
6 10	16 28.84	−34 14.1	1.953	2.946	5.1	19.8
6 20	16 19.60	−33 55.8	2.011	2.971	7.8	20.0
6 30	16 12.40	−33 30.4	2.093	2.996	10.7	20.3
7 10	16 7.73	−33 2.6	2.197	3.020	13.3	20.5
114903 2003 QW_{25}			6 1.3 292°.05	1°.6/ 1.8 17		
5 1	17 4.03	−26 25.3	1.381	2.270	15.4	20.2
5 11	16 58.41	−26 22.1	1.299	2.251	11.3	19.9
5 21	16 49.84	−26 9.5	1.238	2.233	6.6	19.6
5 31	16 39.30	−25 46.6	1.202	2.214	1.9	19.3
6 10	16 28.28	−25 14.7	1.190	2.196	4.9	19.4
6 20	16 18.33	−24 37.7	1.202	2.177	10.1	19.6
6 30	16 10.80	−24 1.0	1.236	2.159	15.0	19.9
7 10	16 6.57	−23 30.1	1.289	2.141	19.2	20.1
474206 2000 SK_{95}			6 1.3 249°.49	0°.8/31.9 18		
5 1	17 0.15	−20 53.1	2.658	3.529	9.5	22.1
5 11	16 54.36	−20 28.8	2.566	3.511	6.8	21.9
5 21	16 47.10	−20 1.4	2.499	3.493	3.7	21.7
5 31	16 38.95	−19 32.1	2.461	3.474	0.8	21.4
6 10	16 30.63	−19 2.5	2.452	3.455	3.1	21.6
6 20	16 22.85	−18 34.5	2.472	3.435	6.4	21.7
6 30	16 16.27	−18 10.4	2.518	3.415	9.4	21.9
7 10	16 11.39	−17 51.9	2.587	3.394	12.0	22.0

64455 2001 VL_{32} 6 1.3 196°.21 1°.7/ 1.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 1	17 7.18	−25 9.2	1.477	2.359	15.0	19.0
5 11	17 0.35	−25 34.7	1.409	2.358	10.9	18.8
5 21	16 50.74	−25 54.4	1.364	2.357	6.3	18.5
5 31	16 39.40	−26 6.2	1.343	2.356	1.9	18.2
6 10	16 27.79	−26 9.9	1.349	2.354	4.7	18.4
6 20	16 17.35	−26 7.3	1.380	2.352	9.4	18.7
6 30	16 9.32	−26 2.0	1.434	2.350	13.8	18.9
7 10	16 4.43	−25 57.9	1.507	2.347	17.5	19.2

309873 2009 DY_{95} 6 1.3 32°.28 0°.6/ 1.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 3.68	−22 34.3	1.078	1.982	17.5	20.1
5 11	16 58.16	−22 54.4	1.033	1.993	12.5	19.8
5 21	16 49.59	−23 10.5	1.007	2.005	6.9	19.5
5 31	16 39.25	−23 21.3	1.004	2.017	1.1	19.2
6 10	16 28.92	−23 27.4	1.024	2.031	5.1	19.5
6 20	16 20.20	−23 30.9	1.066	2.045	10.6	19.9
6 30	16 14.34	−23 35.1	1.129	2.060	15.4	20.2
7 10	16 11.96	−23 42.8	1.209	2.075	19.4	20.5

265618 2005 SS_{117} 6 1.3 238°.21 7°.6/29.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 1.14	− 4 42.6	1.730	2.601	13.7	20.6
5 11	16 55.45	− 3 38.9	1.667	2.597	10.9	20.4
5 21	16 47.82	− 2 45.5	1.627	2.593	8.5	20.2
5 31	16 39.05	− 2 7.4	1.611	2.588	7.6	20.1
6 10	16 30.16	− 1 48.3	1.621	2.583	9.1	20.2
6 20	16 22.14	− 1 49.8	1.655	2.578	11.8	20.4
6 30	16 15.84	− 2 11.2	1.710	2.573	14.7	20.5
7 10	16 11.83	− 2 49.7	1.784	2.568	17.4	20.7

512445 2016 QX_{16} 6 1.3 188°.32 1°.6/31.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 0.18	−18 54.2	2.336	3.212	10.4	21.7
5 11	16 54.40	−18 20.3	2.264	3.212	7.4	21.5
5 21	16 47.11	−17 44.5	2.217	3.211	4.2	21.3
5 31	16 38.96	−17 8.8	2.199	3.210	1.6	21.1
6 10	16 30.75	−16 35.3	2.208	3.209	3.7	21.3
6 20	16 23.26	−16 6.3	2.246	3.207	7.0	21.5
6 30	16 17.15	−15 43.9	2.309	3.206	10.1	21.7
7 10	16 12.88	−15 29.4	2.394	3.204	12.8	21.9

406902 2009 DB_{121} 6 1.3 148°.51 1°.0/ 1.7 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 7.26	−25 30.0	1.736	2.609	13.6	22.7
5 11	16 59.88	−25 23.6	1.673	2.618	9.8	22.4
5 21	16 50.24	−25 9.9	1.635	2.627	5.5	22.2
5 31	16 39.34	−24 48.8	1.622	2.635	1.3	21.9
6 10	16 28.42	−24 22.0	1.638	2.643	4.0	22.1
6 20	16 18.66	−23 52.5	1.680	2.649	8.3	22.4
6 30	16 11.03	−23 24.4	1.746	2.655	12.1	22.7
7 10	16 6.09	−23 1.1	1.834	2.661	15.4	22.9

333925 1999 TM_{265} 6 1.3 261°.00 0°.7/ 1.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 3.54	−26 12.6	2.153	3.022	11.5	21.1
5 11	16 57.15	−25 41.7	2.056	2.999	8.3	20.8
5 21	16 48.78	−25 2.2	1.984	2.976	4.7	20.6
5 31	16 39.18	−24 14.6	1.940	2.953	1.0	20.2
6 10	16 29.32	−23 21.2	1.924	2.929	3.5	20.4
6 20	16 20.19	−22 25.6	1.936	2.904	7.5	20.6
6 30	16 12.67	−21 32.0	1.974	2.879	11.2	20.8
7 10	16 7.37	−20 44.4	2.034	2.853	14.4	20.9

368199 2001 DE_{18} 6 1.3 121°.09 6°.7/30.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 2.12	− 0 44.1	2.373	3.216	11.5	21.4
5 11	16 55.55	− 0 10.8	2.328	3.236	9.2	21.3
5 21	16 47.63	+ 0 10.8	2.307	3.255	7.4	21.2
5 31	16 39.02	+ 0 18.0	2.312	3.273	6.7	21.2
6 10	16 30.49	+ 0 9.7	2.345	3.291	7.6	21.3
6 20	16 22.73	− 0 13.9	2.404	3.308	9.4	21.4
6 30	16 16.34	− 0 51.3	2.487	3.325	11.5	21.6
7 10	16 11.71	− 1 40.1	2.591	3.341	13.4	21.8

493540 2015 GG_{28} 6 1.4 154°.07 1°.2/ 1.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 4.11	−26 10.9	2.204	3.071	11.3	22.1
5 11	16 57.32	−26 11.8	2.137	3.078	8.2	21.9
5 21	16 48.75	−26 6.5	2.094	3.085	4.7	21.7
5 31	16 39.17	−25 54.7	2.079	3.091	1.4	21.4
6 10	16 29.53	−25 37.4	2.093	3.097	3.4	21.6
6 20	16 20.77	−25 16.6	2.134	3.102	6.9	21.8
6 30	16 13.64	−24 55.4	2.201	3.107	10.1	22.0
7 10	16 8.68	−24 36.4	2.291	3.111	12.9	22.2

105565 2000 RA_{61} 6 1.4 266°.65 1°.4/ 1.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 2.36	−25 57.9	2.529	3.394	10.1	19.8
5 11	16 56.17	−26 17.2	2.431	3.371	7.4	19.6
5 21	16 48.22	−26 32.4	2.359	3.348	4.3	19.4
5 31	16 39.12	−26 42.2	2.314	3.325	1.5	19.1
6 10	16 29.69	−26 46.6	2.298	3.301	3.2	19.2
6 20	16 20.77	−26 46.3	2.311	3.277	6.5	19.4
6 30	16 13.17	−26 43.3	2.350	3.253	9.7	19.6
7 10	16 7.48	−26 39.9	2.412	3.228	12.5	19.7

105732 2000 SX_{83} 6 1.4 255°.19 3°.6/ 2.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 1	17 2.92	−32 16.3	2.302	3.158	11.3	20.0
5 11	16 56.70	−32 45.4	2.222	3.151	8.6	19.8
5 21	16 48.53	−33 5.8	2.165	3.143	5.7	19.6
5 31	16 39.15	−33 15.3	2.136	3.136	3.7	19.5
6 10	16 29.54	−33 13.4	2.134	3.128	4.5	19.5
6 20	16 20.66	−33 1.6	2.159	3.121	7.3	19.7
6 30	16 13.39	−32 42.8	2.210	3.113	10.2	19.8
7 10	16 8.33	−32 21.0	2.283	3.105	12.9	20.0

202659 2006 KU_{22} 6 1.4 20°.61 1°.1/ 1.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 2.58	−24 33.4	1.773	2.654	13.0	20.4
5 11	16 56.64	−24 48.0	1.706	2.655	9.3	20.2
5 21	16 48.54	−24 57.7	1.663	2.657	5.3	20.0
5 31	16 39.15	−25 1.8	1.646	2.658	1.3	19.7
6 10	16 29.62	−25 0.6	1.655	2.660	3.9	19.9
6 20	16 21.04	−24 55.9	1.690	2.662	8.0	20.1
6 30	16 14.36	−24 50.3	1.750	2.665	11.8	20.4
7 10	16 10.21	−24 46.6	1.831	2.667	15.0	20.6

6854 1987 UG 6 1.4 232°.83 0°.7/ 1.1 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 4.43	−21 18.0	1.964	2.839	12.1	18.2
5 11	16 57.85	−21 0.6	1.879	2.826	8.7	17.9
5 21	16 49.19	−20 39.4	1.819	2.813	4.8	17.7
5 31	16 39.24	−20 15.3	1.785	2.799	0.8	17.3
6 10	16 29.04	−19 50.1	1.780	2.784	3.9	17.5
6 20	16 19.63	−19 26.2	1.803	2.769	8.1	17.8
6 30	16 11.94	−19 6.6	1.850	2.753	11.9	18.0
7 10	16 6.60	−18 53.7	1.918	2.736	15.1	18.1

248517 2005 VA_{121} 6 1.4 204°.24 7°.1/29.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 1.74	− 2 21.2	2.124	2.978	12.2	21.0
5 11	16 55.61	− 1 33.9	2.057	2.974	9.8	20.9
5 21	16 47.82	− 0 57.3	2.014	2.969	7.8	20.7
5 31	16 39.08	− 0 35.3	1.996	2.964	7.2	20.7
6 10	16 30.22	− 0 30.4	2.006	2.958	8.3	20.7
6 20	16 22.08	− 0 43.2	2.040	2.951	10.5	20.9
6 30	16 15.38	− 1 12.8	2.098	2.945	13.0	21.0
7 10	16 10.63	− 1 56.8	2.176	2.937	15.3	21.2

57408 2001 RC_{115} 6 1.4 173°.70 2°.9/ 2.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 6.19	−30 38.7	2.139	2.997	12.0	20.6
5 11	16 58.98	−30 53.0	2.067	3.000	8.9	20.4
5 21	16 49.74	−30 58.0	2.020	3.002	5.6	20.2
5 31	16 39.31	−30 52.0	1.999	3.004	3.1	20.0
6 10	16 28.76	−30 35.5	2.006	3.006	4.2	20.1
6 20	16 19.13	−30 10.8	2.042	3.006	7.4	20.3
6 30	16 11.31	−29 41.5	2.102	3.006	10.6	20.5
7 10	16 5.89	−29 11.9	2.185	3.006	13.5	20.7

61047 2000 KJ_{63} 6 1.4 47°.21 5°.7/30.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 3.04	−12 11.9	1.265	2.160	16.1	19.5
5 11	16 57.29	−11 14.8	1.211	2.163	11.9	19.2
5 21	16 48.99	−10 23.1	1.178	2.166	7.8	19.0
5 31	16 39.22	− 9 41.8	1.168	2.169	5.7	18.9
6 10	16 29.40	− 9 15.6	1.183	2.173	8.0	19.0
6 20	16 20.86	− 9 6.9	1.220	2.176	12.1	19.2
6 30	16 14.67	− 9 16.3	1.278	2.180	16.2	19.5
7 10	16 11.44	− 9 42.1	1.354	2.184	19.7	19.7

250628 2005 GX_{157} 6 1.4 69°.74 1°.0/ 1.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 4.40	−20 50.5	1.397	2.288	15.1	20.8
5 11	16 58.10	−20 33.9	1.346	2.301	10.7	20.5
5 21	16 49.35	−20 14.1	1.317	2.313	5.9	20.3
5 31	16 39.26	−19 52.5	1.312	2.326	1.1	20.0
6 10	16 29.22	−19 31.5	1.334	2.338	4.7	20.3
6 20	16 20.52	−19 14.1	1.379	2.351	9.5	20.6
6 30	16 14.15	−19 3.1	1.448	2.364	13.7	20.9
7 10	16 10.66	−19 0.3	1.536	2.377	17.2	21.1

11191 Paskvić 6 1.4 351°.84 0°.7/ 1.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 1.13	−24 8.1	1.796	2.679	12.7	17.0
5 11	16 55.59	−24 10.6	1.727	2.677	9.1	16.7
5 21	16 47.97	−24 8.3	1.681	2.675	5.1	16.5
5 31	16 39.11	−24 0.9	1.660	2.674	1.0	16.2
6 10	16 30.09	−23 49.4	1.667	2.672	3.8	16.4
6 20	16 21.99	−23 36.0	1.699	2.672	7.9	16.6
6 30	16 15.73	−23 23.5	1.756	2.671	11.7	16.9
7 10	16 11.88	−23 14.6	1.833	2.671	14.9	17.1

17371 1981 DT 6 1.4 88°.15 6°.7/ 4.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 5.28	−43 3.5	2.275	3.091	12.8	18.3
5 11	16 58.48	−43 29.9	2.208	3.097	10.5	18.1
5 21	16 49.50	−43 39.5	2.162	3.102	8.3	18.0
5 31	16 39.28	−43 29.5	2.142	3.107	6.9	17.9
6 10	16 29.01	−42 59.6	2.147	3.112	7.0	17.9
6 20	16 19.79	−42 12.7	2.179	3.117	8.6	18.0
6 30	16 12.58	−41 14.0	2.235	3.122	10.8	18.2
7 10	16 7.94	−40 9.7	2.312	3.127	13.0	18.4

2020	α_{2000}	δ_{2000}	Δ	r	β	V
106143 2000 TU_{44}	6 1.4 298.°38 3.°2/30.3 18					
	h m	° ′			°	m
5 1	16 52.63	− 6 32.3	4.154	5.012	6.6	19.3
5 11	16 48.60	− 6 14.3	4.081	5.007	5.1	19.2
5 21	16 43.81	− 6 0.7	4.035	5.003	3.8	19.1
5 31	16 38.60	− 5 52.7	4.016	4.998	3.2	19.0
6 10	16 33.34	− 5 51.3	4.026	4.994	3.9	19.1
6 20	16 28.39	− 5 56.8	4.064	4.989	5.3	19.2
6 30	16 24.11	− 6 9.4	4.127	4.985	6.9	19.3
7 10	16 20.75	− 6 28.5	4.214	4.980	8.4	19.4
108978 2001 PU_{47}	6 1.4 147.°11 4.°7/30.9 18					
5 1	17 3.09	− 9 2.3	2.071	2.939	11.9	18.9
5 11	16 56.52	− 8 36.5	2.012	2.948	8.9	18.8
5 21	16 48.28	− 8 17.4	1.978	2.957	6.1	18.6
5 31	16 39.14	− 8 7.4	1.971	2.965	4.7	18.5
6 10	16 29.98	− 8 8.0	1.991	2.973	6.1	18.6
6 20	16 21.65	− 8 19.8	2.039	2.980	8.9	18.8
6 30	16 14.88	− 8 42.7	2.110	2.987	11.8	19.0
7 10	16 10.14	− 9 15.3	2.203	2.992	14.3	19.2
510811 2013 BT_{30}	6 1.4 201.°72 0.°7/ 1.6 18					
5 1	17 1.27	−24 42.2	2.612	3.479	9.8	22.7
5 11	16 55.17	−24 42.6	2.533	3.475	7.0	22.5
5 21	16 47.56	−24 38.8	2.479	3.471	3.9	22.3
5 31	16 39.06	−24 30.5	2.454	3.467	0.9	22.1
6 10	16 30.44	−24 18.6	2.458	3.462	2.9	22.2
6 20	16 22.44	−24 4.6	2.490	3.457	6.1	22.4
6 30	16 15.75	−23 50.5	2.548	3.451	9.0	22.6
7 10	16 10.85	−23 38.4	2.630	3.445	11.6	22.8
297704 2001 VL_{82}	6 1.4 294.°85 1.°1/31.9 18					
5 1	17 0.18	−21 43.4	1.967	2.850	11.8	20.3
5 11	16 54.77	−20 56.9	1.884	2.835	8.4	20.0
5 21	16 47.48	−20 4.8	1.825	2.821	4.7	19.8
5 31	16 39.05	−19 9.3	1.793	2.806	1.1	19.5
6 10	16 30.47	−18 13.8	1.789	2.792	4.0	19.7
6 20	16 22.66	−17 22.0	1.811	2.778	8.0	19.9
6 30	16 16.47	−16 37.7	1.858	2.764	11.7	20.1
7 10	16 12.48	−16 3.4	1.926	2.750	14.9	20.2
308339 2005 PP_{20}	6 1.4 321.°66 4.°8/ 2.4 18					
5 1	17 3.50	−31 38.4	1.352	2.234	16.1	19.6
5 11	16 58.22	−32 13.0	1.277	2.221	12.3	19.3
5 21	16 49.82	−32 35.5	1.222	2.208	8.1	19.0
5 31	16 39.36	−32 41.8	1.191	2.195	5.0	18.8
6 10	16 28.42	−32 30.8	1.183	2.183	6.3	18.8
6 20	16 18.65	−32 5.3	1.199	2.171	10.5	19.0
6 30	16 11.49	−31 30.9	1.237	2.161	14.9	19.3
7 10	16 7.82	−30 54.8	1.292	2.151	18.8	19.5
15926 1997 VP_{6}	6 1.4 265.°36 0.°3/ 1.3 18					
5 1	17 3.36	−22 17.8	1.793	2.674	12.8	18.6
5 11	16 57.31	−22 4.4	1.707	2.657	9.3	18.3
5 21	16 49.00	−21 46.4	1.645	2.640	5.1	18.0
5 31	16 39.26	−21 24.4	1.609	2.623	0.7	17.6
6 10	16 29.19	−21 0.1	1.600	2.605	4.1	17.9
6 20	16 19.94	−20 36.3	1.618	2.587	8.5	18.1
6 30	16 12.53	−20 16.1	1.659	2.569	12.6	18.3
7 10	16 7.65	−20 2.3	1.721	2.551	16.1	18.5
106727 2000 WT_{181}	6 1.4 283.°83 11.°6/30.9 18					
5 1	17 6.66	+ 5 11.2	1.492	2.333	17.1	19.3
5 11	16 59.97	+ 5 29.4	1.412	2.311	14.7	19.1
5 21	16 50.62	+ 5 23.2	1.352	2.289	12.5	18.9
5 31	16 39.49	+ 4 46.3	1.315	2.266	11.6	18.8
6 10	16 27.83	+ 3 36.1	1.301	2.244	12.6	18.8
6 20	16 16.97	+ 1 54.8	1.310	2.221	15.1	18.9
6 30	16 8.14	− 0 12.0	1.341	2.199	18.3	19.0
7 10	16 2.19	− 2 36.2	1.391	2.176	21.4	19.1
270980 2002 WJ_{11}	6 1.4 210.°56 1.°3/31.9 17					
5 1	17 4.23	−19 7.9	2.070	2.945	11.6	21.9
5 11	16 57.57	−18 54.4	1.991	2.938	8.4	21.7
5 21	16 49.00	−18 39.3	1.937	2.931	4.6	21.5
5 31	16 39.27	−18 23.7	1.910	2.923	1.3	21.2
6 10	16 29.36	−18 9.0	1.912	2.914	3.9	21.4
6 20	16 20.22	−17 57.2	1.941	2.905	7.8	21.6
6 30	16 12.70	−17 50.2	1.996	2.895	11.3	21.8
7 10	16 7.38	−17 49.5	2.072	2.884	14.4	22.0
347912 2002 YK_{15}	6 1.4 107.°67 1.°7/ 2.2 17					
5 1	17 3.01	−28 57.1	2.506	3.365	10.4	21.5
5 11	16 56.28	−28 42.6	2.450	3.386	7.6	21.3
5 21	16 48.08	−28 20.4	2.419	3.406	4.5	21.2
5 31	16 39.15	−27 50.7	2.417	3.427	1.8	21.0
6 10	16 30.32	−27 15.1	2.444	3.446	3.1	21.1
6 20	16 22.36	−26 36.3	2.499	3.466	6.1	21.4
6 30	16 15.90	−25 57.3	2.581	3.485	8.9	21.6
7 10	16 11.36	−25 21.3	2.686	3.503	11.3	21.8

2020	α_{2000}	δ_{2000}	Δ	r	β	V
257981 2001 DM_{19}	6 1.4 106.°57 0.°0/ 1.2 17					
	h m	° ′			°	m
5 1	17 6.43	−21 38.5	1.589	2.471	14.1	20.4
5 11	16 59.41	−21 47.8	1.534	2.484	10.1	20.2
5 21	16 50.05	−21 54.2	1.502	2.497	5.5	19.9
5 31	16 39.40	−21 57.3	1.496	2.510	0.7	19.6
6 10	16 28.74	−21 57.8	1.517	2.522	4.2	19.9
6 20	16 19.28	−21 57.4	1.564	2.535	8.7	20.2
6 30	16 12.01	−21 58.7	1.635	2.546	12.7	20.4
7 10	16 7.50	−22 3.7	1.726	2.558	16.0	20.7
389954 2012 TW_{169}	6 1.4 139.°37 0.°8/ 1.2 17					
5 1	17 2.18	−19 35.7	1.968	2.848	11.9	21.0
5 11	16 56.16	−19 43.3	1.899	2.848	8.5	20.8
5 21	16 48.24	−19 50.2	1.854	2.849	4.7	20.5
5 31	16 39.19	−19 56.7	1.836	2.849	0.9	20.2
6 10	16 30.00	−20 3.2	1.846	2.850	3.7	20.5
6 20	16 21.62	−20 10.8	1.882	2.850	7.6	20.7
6 30	16 14.91	−20 20.8	1.943	2.851	11.2	20.9
7 10	16 10.42	−20 34.5	2.026	2.851	14.2	21.1
87385 2000 QV_{63}	6 1.4 196.°59 0.°9/ 1.1 18					
5 1	17 3.41	−19 30.5	2.343	3.213	10.6	20.1
5 11	16 56.80	−19 26.0	2.265	3.210	7.6	19.9
5 21	16 48.51	−19 20.3	2.213	3.206	4.2	19.6
5 31	16 39.23	−19 13.8	2.189	3.202	1.0	19.4
6 10	16 29.81	−19 7.5	2.194	3.197	3.4	19.6
6 20	16 21.08	−19 2.7	2.228	3.191	6.9	19.8
6 30	16 13.78	−19 1.1	2.287	3.185	10.1	20.0
7 10	16 8.44	−19 4.0	2.369	3.178	12.9	20.1
474819 2005 SK_{39}	6 1.4 229.°07 0.°1/ 1.3 16					
5 1	17 0.08	−22 23.7	2.803	3.671	9.1	23.1
5 11	16 54.28	−22 14.5	2.716	3.660	6.5	22.9
5 21	16 47.08	−22 2.3	2.655	3.649	3.6	22.7
5 31	16 39.06	−21 47.4	2.623	3.637	0.4	22.4
6 10	16 30.89	−21 31.0	2.620	3.624	2.8	22.6
6 20	16 23.26	−21 14.5	2.646	3.612	5.9	22.8
6 30	16 16.79	−20 59.6	2.698	3.598	8.7	22.9
7 10	16 11.94	−20 48.2	2.774	3.585	11.2	23.1
164163 2003 YS_{155}	6 1.4 154.°90 2.°5/31.2 18					
5 1	17 0.66	−14 23.9	2.776	3.643	9.2	20.7
5 11	16 54.51	−13 54.8	2.712	3.653	6.7	20.6
5 21	16 47.12	−13 27.0	2.674	3.662	4.1	20.4
5 31	16 39.06	−13 2.5	2.665	3.670	2.5	20.3
6 10	16 31.01	−12 42.6	2.686	3.678	3.9	20.4
6 20	16 23.57	−12 28.8	2.734	3.684	6.5	20.6
6 30	16 17.31	−12 22.1	2.810	3.691	9.0	20.8
7 10	16 12.62	−12 22.7	2.908	3.696	11.2	21.0
146989 2002 PC_{42}	6 1.4 293.°42 3.°0/ 1.9 18					
5 1	17 5.46	−27 49.9	1.503	2.383	14.9	19.5
5 11	16 59.57	−28 18.6	1.409	2.355	11.1	19.2
5 21	16 50.65	−28 40.3	1.336	2.326	6.8	18.9
5 31	16 39.55	−28 51.6	1.288	2.298	3.1	18.6
6 10	16 27.67	−28 51.2	1.265	2.269	5.3	18.6
6 20	16 16.59	−28 40.5	1.267	2.240	10.1	18.8
6 30	16 7.78	−28 23.8	1.292	2.211	14.8	19.0
7 10	16 2.26	−28 6.4	1.336	2.182	19.0	19.2
99619 2002 GD_{84}	6 1.4 185.°06 4.°1/31.3 17					
5 1	17 3.88	−13 22.0	1.497	2.384	14.5	19.6
5 11	16 57.72	−12 54.9	1.434	2.384	10.7	19.3
5 21	16 49.22	−12 32.1	1.394	2.384	6.6	19.1
5 31	16 39.34	−12 16.4	1.379	2.384	4.1	19.0
6 10	16 29.32	−12 10.3	1.389	2.384	6.4	19.1
6 20	16 20.37	−12 15.4	1.424	2.383	10.4	19.3
6 30	16 13.51	−12 32.2	1.481	2.383	14.4	19.5
7 10	16 9.37	−13 0.1	1.557	2.382	17.8	19.8
258918 2002 RS_{29}	6 1.4 239.°29 0.°8/ 1.1 18					
5 1	17 4.35	−21 21.9	1.867	2.745	12.5	20.8
5 11	16 57.90	−20 56.2	1.783	2.731	9.0	20.5
5 21	16 49.29	−20 26.1	1.723	2.718	5.0	20.3
5 31	16 39.35	−19 52.7	1.690	2.703	1.0	20.0
6 10	16 29.16	−19 18.5	1.684	2.688	4.1	20.2
6 20	16 19.79	−18 46.3	1.706	2.672	8.4	20.4
6 30	16 12.23	−18 19.7	1.752	2.656	12.4	20.6
7 10	16 7.10	−18 1.1	1.819	2.639	15.7	20.8
274514 2008 SA_{161}	6 1.4 315.°34 5.°1/30.5 17					
5 1	16 59.88	−12 7.6	1.565	2.455	13.8	20.0
5 11	16 54.87	−11 13.2	1.493	2.443	10.3	19.8
5 21	16 47.67	−10 22.4	1.445	2.432	6.8	19.5
5 31	16 39.15	− 9 39.5	1.421	2.421	5.1	19.4
6 10	16 30.42	− 9 8.9	1.422	2.410	7.2	19.5
6 20	16 22.59	− 8 53.3	1.447	2.400	10.9	19.7
6 30	16 16.62	− 8 54.0	1.495	2.391	14.6	19.9
7 10	16 13.16	− 9 10.2	1.561	2.381	17.9	20.1

2020	α_{2000}	δ_{2000}	Δ	r	β	V
10885 Horimasato			6 1.4	71°.97	0°.7/ 1.2 18	
	h m	° ′			°	m
5 1	17 1.88	−19 4.5	2.092	2.970	11.4	16.9
5 11	16 55.85	−19 19.8	2.025	2.973	8.1	16.7
5 21	16 48.04	−19 35.3	1.982	2.977	4.5	16.4
5 31	16 39.19	−19 50.7	1.967	2.980	0.9	16.2
6 10	16 30.22	−20 6.3	1.980	2.984	3.5	16.4
6 20	16 22.01	−20 22.4	2.020	2.987	7.2	16.6
6 30	16 15.36	−20 40.3	2.085	2.991	10.6	16.8
7 10	16 10.81	−21 0.7	2.172	2.994	13.5	17.0
329676 2003 UF_{75}			6 1.4	241°.74	4°.0/ 2.5 17	
5 1	17 7.26	−32 4.9	1.698	2.562	14.3	21.5
5 11	17 0.41	−32 21.9	1.616	2.551	10.8	21.3
5 21	16 50.85	−32 26.7	1.557	2.539	7.1	21.0
5 31	16 39.55	−32 16.5	1.523	2.527	4.2	20.8
6 10	16 27.90	−31 51.1	1.515	2.514	5.4	20.8
6 20	16 17.29	−31 13.6	1.533	2.501	9.1	21.0
6 30	16 8.95	−30 29.5	1.576	2.487	13.1	21.2
7 10	16 3.64	−29 45.1	1.638	2.473	16.6	21.4
123315 2000 VT_{8}			6 1.4	245°.03	1°.3/31.9 18	
5 1	17 2.30	−19 32.4	1.852	2.734	12.4	20.2
5 11	16 56.37	−19 14.2	1.778	2.728	8.9	19.9
5 21	16 48.41	−18 54.1	1.727	2.722	4.9	19.7
5 31	16 39.24	−18 33.3	1.703	2.715	1.4	19.4
6 10	16 29.90	−18 13.8	1.705	2.708	4.2	19.6
6 20	16 21.40	−17 57.9	1.735	2.701	8.3	19.8
6 30	16 14.65	−17 47.7	1.788	2.694	12.0	20.0
7 10	16 10.24	−17 45.0	1.862	2.687	15.3	20.2
491409 2012 DO_{36}			6 1.4	64°.76	4°.7/31.0 17	
5 1	17 2.66	−12 52.6	1.435	2.326	14.8	21.3
5 11	16 56.78	−12 8.6	1.383	2.334	10.9	21.1
5 21	16 48.64	−11 29.4	1.353	2.343	6.9	20.9
5 31	16 39.26	−10 58.8	1.348	2.351	4.7	20.8
6 10	16 29.89	−10 40.0	1.368	2.360	6.9	21.0
6 20	16 21.71	−10 35.1	1.412	2.369	10.7	21.2
6 30	16 15.64	−10 44.4	1.478	2.378	14.5	21.4
7 10	16 12.25	−11 6.9	1.563	2.387	17.7	21.7
380611 2004 TD_{102}			6 1.4	166°.79	1°.4/31.9 17	
5 1	17 2.36	−19 19.7	2.078	2.955	11.5	21.8
5 11	16 56.14	−18 56.3	2.010	2.958	8.2	21.6
5 21	16 48.17	−18 31.2	1.967	2.961	4.5	21.4
5 31	16 39.21	−18 5.8	1.951	2.963	1.4	21.2
6 10	16 30.19	−17 41.9	1.963	2.965	3.9	21.4
6 20	16 22.00	−17 21.9	2.003	2.967	7.6	21.6
6 30	16 15.40	−17 7.7	2.068	2.968	10.9	21.8
7 10	16 10.90	−17 0.8	2.154	2.969	13.8	22.0
391373 2006 WJ_{4}			6 1.4	194°.31	2°.8/ 2.4 18	
5 1	17 2.68	−31 23.2	2.613	3.465	10.2	22.1
5 11	16 56.30	−31 42.0	2.535	3.463	7.7	22.0
5 21	16 48.26	−31 52.8	2.482	3.461	5.0	21.8
5 31	16 39.22	−31 54.4	2.456	3.459	3.0	21.6
6 10	16 30.04	−31 46.8	2.459	3.456	3.8	21.7
6 20	16 21.54	−31 31.4	2.491	3.453	6.4	21.9
6 30	16 14.46	−31 11.0	2.548	3.450	9.1	22.0
7 10	16 9.31	−30 48.8	2.629	3.446	11.5	22.2
320584 2008 BO_{10}			6 1.4	137°.64	3°.8/ 2.4 17	
5 1	17 7.66	−31 12.8	1.671	2.538	14.4	21.3
5 11	17 0.50	−31 38.8	1.608	2.544	10.8	21.1
5 21	16 50.78	−31 53.4	1.568	2.551	6.9	20.9
5 31	16 39.55	−31 54.0	1.553	2.557	4.0	20.8
6 10	16 28.19	−31 40.7	1.564	2.563	5.2	20.8
6 20	16 18.06	−31 16.2	1.601	2.568	8.8	21.1
6 30	16 10.25	−30 45.7	1.663	2.574	12.5	21.3
7 10	16 5.39	−30 14.5	1.744	2.578	15.8	21.5
348970 2006 UA_{81}			6 1.4	196°.99	2°.0/ 2.2 18	
5 1	17 1.72	−28 59.9	2.340	3.204	10.9	21.4
5 11	16 55.68	−28 58.3	2.265	3.203	8.0	21.2
5 21	16 47.93	−28 48.8	2.214	3.201	4.8	21.0
5 31	16 39.19	−28 31.1	2.191	3.200	2.1	20.8
6 10	16 30.36	−28 6.2	2.196	3.198	3.5	20.9
6 20	16 22.29	−27 36.2	2.228	3.196	6.6	21.1
6 30	16 15.74	−27 4.4	2.287	3.194	9.7	21.3
7 10	16 11.22	−26 34.1	2.367	3.192	12.4	21.4
293033 2006 WF_{81}			6 1.4	329°.43	2°.0/ 1.8 17	
5 1	17 0.70	−26 3.1	1.188	2.089	16.5	20.2
5 11	16 56.38	−26 15.5	1.113	2.071	12.1	19.8
5 21	16 48.92	−26 19.9	1.059	2.054	7.1	19.5
5 31	16 39.35	−26 14.5	1.026	2.038	2.3	19.2
6 10	16 29.26	−26 0.1	1.017	2.023	5.2	19.3
6 20	16 20.33	−25 39.5	1.030	2.010	10.7	19.6
6 30	16 14.02	−25 17.9	1.063	1.997	15.9	19.8
7 10	16 11.26	−25 0.3	1.114	1.985	20.3	20.0

2020	α_{2000}	δ_{2000}	Δ	r	β	V
471732 2012 UO_{33}			6 1.4	260°.34	1°.3/ 1.7 18	
	h m	° ′			°	m
5 1	17 4.07	−25 14.9	2.148	3.017	11.5	21.5
5 11	16 57.67	−25 34.6	2.056	2.998	8.4	21.2
5 21	16 49.20	−25 50.1	1.988	2.979	4.8	21.0
5 31	16 39.38	−26 0.0	1.947	2.959	1.5	20.7
6 10	16 29.18	−26 4.1	1.935	2.939	3.6	20.8
6 20	16 19.62	−26 3.4	1.950	2.918	7.4	21.0
6 30	16 11.63	−26 0.2	1.991	2.898	11.0	21.2
7 10	16 5.91	−25 57.3	2.054	2.876	14.1	21.4
386332 2008 SJ_{193}			6 1.4	289°.15	0°.1/ 1.4 18	
5 1	17 3.66	−21 39.0	1.781	2.662	12.9	21.5
5 11	16 57.76	−21 42.7	1.683	2.632	9.4	21.3
5 21	16 49.43	−21 43.9	1.608	2.602	5.2	20.9
5 31	16 39.43	−21 42.2	1.558	2.572	0.7	20.5
6 10	16 28.86	−21 38.2	1.536	2.542	4.1	20.7
6 20	16 18.93	−21 33.6	1.540	2.511	8.8	20.9
6 30	16 10.78	−21 30.9	1.569	2.480	13.1	21.1
7 10	16 5.24	−21 32.7	1.617	2.448	16.9	21.3
401321 2013 AA_{22}			6 1.4	13°.74	2°.0/31.9 18	
5 1	17 0.74	−15 38.9	2.111	2.989	11.3	20.3
5 11	16 55.03	−15 47.0	2.043	2.990	8.1	20.1
5 21	16 47.61	−15 57.6	1.999	2.991	4.7	19.9
5 31	16 39.18	−16 11.4	1.982	2.992	2.0	19.7
6 10	16 30.63	−16 28.8	1.993	2.994	4.0	19.8
6 20	16 22.80	−16 50.0	2.031	2.995	7.5	20.1
6 30	16 16.46	−17 15.5	2.094	2.996	10.7	20.3
7 10	16 12.12	−17 45.3	2.179	2.998	13.5	20.5
216473 1999 RM_{67}			6 1.4	289°.26	4°.8/30.2 18	
5 1	16 58.60	− 9 47.8	2.194	3.069	11.1	20.2
5 11	16 53.51	− 9 0.1	2.111	3.050	8.4	20.0
5 21	16 46.80	− 8 16.5	2.051	3.031	5.9	19.8
5 31	16 39.09	− 7 40.4	2.019	3.012	4.8	19.7
6 10	16 31.18	− 7 14.7	2.013	2.992	6.3	19.8
6 20	16 23.85	− 7 1.5	2.034	2.973	9.0	19.9
6 30	16 17.85	− 7 1.5	2.078	2.954	12.0	20.1
7 10	16 13.70	− 7 14.4	2.143	2.935	14.6	20.2
34729 2001 QJ_{42}			6 1.4	209°.38	0°.6/ 1.6 18	
5 1	17 1.71	−24 30.9	2.207	3.080	11.1	19.5
5 11	16 55.73	−24 26.4	2.132	3.077	8.0	19.2
5 21	16 47.99	−24 16.9	2.082	3.075	4.4	19.0
5 31	16 39.23	−24 2.6	2.059	3.072	0.9	18.7
6 10	16 30.35	−23 44.7	2.064	3.069	3.3	18.9
6 20	16 22.23	−23 25.0	2.096	3.066	6.9	19.2
6 30	16 15.63	−23 6.1	2.155	3.062	10.2	19.4
7 10	16 11.11	−22 50.6	2.235	3.059	13.1	19.5
295722 2008 UU_{47}			6 1.4	105°.22	0°.6/ 1.6 17	
5 1	17 2.50	−24 58.7	1.937	2.814	12.2	21.2
5 11	16 56.38	−24 43.0	1.873	2.820	8.8	21.0
5 21	16 48.36	−24 21.1	1.833	2.826	4.9	20.8
5 31	16 39.27	−23 53.6	1.819	2.832	0.9	20.5
6 10	16 30.17	−23 22.2	1.833	2.838	3.5	20.7
6 20	16 22.02	−22 50.1	1.874	2.844	7.5	21.0
6 30	16 15.63	−22 20.3	1.939	2.850	11.0	21.2
7 10	16 11.54	−21 55.9	2.026	2.856	14.0	21.4
353814 2012 TJ_{243}			6 1.4	241°.16	0°.4/ 1.3 17	
5 1	17 2.12	−21 14.7	2.046	2.924	11.6	21.6
5 11	16 56.15	−21 10.4	1.969	2.917	8.3	21.4
5 21	16 48.29	−21 3.5	1.916	2.910	4.6	21.1
5 31	16 39.29	−20 54.5	1.889	2.903	0.7	20.8
6 10	16 30.10	−20 44.4	1.891	2.895	3.6	21.0
6 20	16 21.67	−20 35.0	1.919	2.888	7.5	21.3
6 30	16 14.84	−20 28.4	1.973	2.880	11.1	21.5
7 10	16 10.19	−20 26.5	2.048	2.872	14.1	21.6
462253 2008 DA_{19}			6 1.4	125°.08	4°.0/31.4 17	
5 1	17 4.16	−12 51.6	1.618	2.501	13.9	21.4
5 11	16 57.74	−12 31.5	1.560	2.507	10.2	21.2
5 21	16 49.18	−12 16.4	1.525	2.514	6.3	21.0
5 31	16 39.40	−12 8.5	1.515	2.520	4.0	20.9
6 10	16 29.57	−12 9.5	1.532	2.526	6.0	21.0
6 20	16 20.79	−12 20.6	1.574	2.532	9.7	21.2
6 30	16 13.97	−12 41.8	1.639	2.538	13.4	21.5
7 10	16 9.69	−13 12.5	1.725	2.543	16.6	21.7
21267 1996 JU_{5}			6 1.4	301°.32	3°.9/31.2 18	
5 1	17 2.01	−16 19.3	1.279	2.178	15.7	18.9
5 11	16 56.93	−15 30.2	1.204	2.161	11.5	18.6
5 21	16 49.08	−14 40.0	1.150	2.144	6.9	18.3
5 31	16 39.42	−13 52.9	1.119	2.128	3.9	18.0
6 10	16 29.36	−13 13.8	1.113	2.112	6.8	18.2
6 20	16 20.35	−12 47.2	1.130	2.096	11.7	18.4
6 30	16 13.67	−12 36.0	1.167	2.080	16.5	18.6
7 10	16 10.10	−12 41.0	1.222	2.065	20.6	18.8

2020	α_{2000}	δ_{2000}	Δ	r	β	V
41466 2000 OW_{24}		6 1.4 255°01	3°8/31.7 18			
	h m	° ′			°	m
5 1	17 4.11	−11 30.2	1.860	2.735	12.7	18.6
5 11	16 57.74	−11 32.5	1.779	2.721	9.5	18.3
5 21	16 49.27	−11 41.2	1.721	2.708	6.0	18.1
5 31	16 39.45	−11 57.8	1.690	2.694	3.8	17.9
6 10	16 29.30	−12 23.1	1.686	2.680	5.6	18.0
6 20	16 19.88	−12 56.9	1.709	2.666	9.2	18.2
6 30	16 12.13	−13 39.0	1.757	2.651	12.9	18.4
7 10	16 6.73	−14 28.2	1.825	2.636	16.0	18.6
333998 2000 SN_{362}		6 1.4 284°91	5°0/30.5 18			
5 1	17 1.51	−11 48.3	1.723	2.606	13.2	20.5
5 11	16 56.04	−10 55.9	1.636	2.582	9.9	20.3
5 21	16 48.40	−10 6.2	1.573	2.558	6.6	20.0
5 31	16 39.35	− 9 23.3	1.535	2.534	5.0	19.9
6 10	16 29.93	− 8 51.3	1.523	2.510	7.0	19.9
6 20	16 21.24	− 8 33.2	1.537	2.486	10.7	20.1
6 30	16 14.26	− 8 30.7	1.573	2.461	14.4	20.3
7 10	16 9.69	− 8 43.7	1.627	2.437	17.8	20.4
499689 2010 WL_{45}		6 1.4 200°83	0°0/ 1.2 17			
5 1	17 5.13	−22 26.9	1.865	2.741	12.6	22.7
5 11	16 58.44	−22 23.4	1.790	2.738	9.1	22.5
5 21	16 49.61	−22 16.1	1.740	2.734	5.0	22.2
5 31	16 39.48	−22 4.9	1.717	2.731	0.6	21.9
6 10	16 29.18	−21 51.0	1.721	2.726	3.8	22.1
6 20	16 19.79	−21 36.7	1.752	2.721	8.1	22.4
6 30	16 12.24	−21 24.6	1.808	2.716	11.9	22.6
7 10	16 7.16	−21 17.2	1.885	2.710	15.1	22.8
397684 2008 BG_{46}		6 1.4 70°86	0°7/ 1.2 17			
5 1	17 0.30	−20 42.4	2.162	3.040	11.0	21.7
5 11	16 54.65	−20 30.8	2.099	3.048	7.8	21.5
5 21	16 47.38	−20 17.0	2.061	3.056	4.3	21.3
5 31	16 39.21	−20 2.0	2.050	3.063	0.8	21.0
6 10	16 31.00	−19 47.1	2.067	3.071	3.4	21.2
6 20	16 23.59	−19 34.1	2.111	3.079	7.0	21.5
6 30	16 17.68	−19 24.9	2.181	3.087	10.2	21.7
7 10	16 13.74	−19 20.9	2.272	3.095	12.9	21.9
166532 2002 RN_{11}		6 1.4 233°56	5°1/29.9 18			
5 1	17 0.00	− 7 7.4	2.519	3.381	10.3	20.9
5 11	16 54.30	− 6 18.1	2.439	3.367	7.9	20.7
5 21	16 47.17	− 5 34.2	2.384	3.353	5.9	20.6
5 31	16 39.20	− 4 58.8	2.356	3.339	5.1	20.5
6 10	16 31.07	− 4 34.5	2.357	3.324	6.3	20.6
6 20	16 23.50	− 4 22.9	2.384	3.309	8.6	20.7
6 30	16 17.11	− 4 24.4	2.436	3.293	11.1	20.8
7 10	16 12.37	− 4 38.4	2.509	3.276	13.4	20.9
28755 2000 HK_4		6 1.4 249°76	0°8/ 1.2 18			
5 1	17 1.41	−20 13.2	2.105	2.983	11.3	19.4
5 11	16 55.61	−20 7.6	2.028	2.977	8.1	19.2
5 21	16 48.00	−20 0.3	1.975	2.970	4.5	18.9
5 31	16 39.31	−19 51.8	1.950	2.963	0.9	18.7
6 10	16 30.44	−19 43.5	1.952	2.956	3.6	18.8
6 20	16 22.30	−19 36.7	1.982	2.949	7.4	19.1
6 30	16 15.69	−19 33.3	2.036	2.942	10.8	19.3
7 10	16 11.17	−19 34.8	2.113	2.935	13.8	19.5
29326 1994 RK_3		6 1.4 1°85	2°7/31.8 17			
5 1	16 59.65	−17 54.7	1.126	2.035	16.5	18.6
5 11	16 55.32	−17 30.4	1.070	2.033	11.9	18.3
5 21	16 48.17	−17 6.2	1.034	2.032	6.8	18.0
5 31	16 39.34	−16 44.9	1.021	2.032	2.7	17.8
6 10	16 30.36	−16 29.6	1.030	2.034	6.0	18.0
6 20	16 22.68	−16 23.2	1.061	2.036	11.1	18.3
6 30	16 17.52	−16 27.7	1.112	2.040	15.9	18.5
7 10	16 15.54	−16 43.4	1.181	2.045	19.9	18.8
338858 2003 YP_{40}		6 1.4 169°78	3°9/ 4.9 17			
5 1	16 57.47	−44 36.4	4.643	5.430	7.2	20.6
5 11	16 52.14	−44 35.9	4.564	5.431	6.0	20.5
5 21	16 45.85	−44 25.8	4.508	5.432	4.8	20.5
5 31	16 39.03	−44 5.4	4.480	5.432	4.0	20.4
6 10	16 32.23	−43 35.1	4.479	5.432	4.1	20.4
6 20	16 25.91	−42 56.2	4.507	5.433	4.8	20.5
6 30	16 20.51	−42 10.7	4.561	5.433	6.0	20.5
7 10	16 16.37	−41 21.2	4.639	5.434	7.2	20.6
311259 2005 EX_{73}		6 1.4 74°45	1°7/ 1.8 17			
5 1	17 6.41	−25 49.8	1.395	2.280	15.5	21.3
5 11	16 59.74	−26 2.1	1.343	2.293	11.2	21.0
5 21	16 50.42	−26 6.7	1.313	2.306	6.4	20.8
5 31	16 39.61	−26 2.4	1.307	2.319	1.9	20.5
6 10	16 28.82	−25 50.4	1.327	2.333	4.6	20.8
6 20	16 19.42	−25 33.6	1.372	2.346	9.3	21.1
6 30	16 12.52	−25 16.2	1.439	2.359	13.5	21.3
7 10	16 8.72	−25 2.2	1.526	2.372	17.0	21.6

2020	α_{2000}	δ_{2000}	Δ	r	β	V
501644 2014 SB_{219}		6 1.4 181°65	3°8/31.5 17			
	h m	° ′			°	m
5 1	17 4.44	−13 1.8	1.697	2.577	13.5	21.7
5 11	16 57.97	−12 42.2	1.632	2.578	9.9	21.5
5 21	16 49.36	−12 26.9	1.589	2.578	6.1	21.2
5 31	16 39.49	−12 18.2	1.573	2.578	3.8	21.1
6 10	16 29.49	−12 18.0	1.583	2.578	5.8	21.2
6 20	16 20.45	−12 27.3	1.620	2.577	9.6	21.4
6 30	16 13.29	−12 46.5	1.679	2.576	13.3	21.7
7 10	16 8.61	−13 15.3	1.759	2.574	16.4	21.9
425045 2009 PQ_{12}		6 1.4 320°81	2°2/ 1.9 17			
5 1	17 1.29	−26 14.3	1.237	2.135	16.2	20.7
5 11	16 56.88	−26 29.7	1.154	2.110	12.0	20.4
5 21	16 49.31	−26 37.5	1.091	2.086	7.1	20.0
5 31	16 39.53	−26 35.6	1.051	2.063	2.4	19.6
6 10	16 29.06	−26 24.1	1.034	2.041	5.3	19.8
6 20	16 19.60	−26 5.6	1.040	2.019	10.8	20.0
6 30	16 12.69	−25 44.8	1.066	1.998	16.0	20.2
7 10	16 9.33	−25 27.2	1.110	1.979	20.5	20.4
85165 1988 TV_2		6 1.4 263°77	0°9/ 1.7 18			
5 1	17 5.10	−25 38.9	2.167	3.034	11.5	20.1
5 11	16 58.44	−25 27.1	2.063	3.005	8.4	19.8
5 21	16 49.69	−25 8.4	1.985	2.976	4.8	19.6
5 31	16 39.55	−24 42.5	1.933	2.946	1.1	19.2
6 10	16 29.01	−24 10.4	1.911	2.915	3.6	19.4
6 20	16 19.09	−23 34.9	1.916	2.884	7.6	19.6
6 30	16 10.75	−22 59.3	1.947	2.851	11.3	19.7
7 10	16 4.68	−22 27.6	2.001	2.818	14.6	19.9
335017 2004 LA_8		6 1.4 324°51	8°1/31.3 17			
5 1	17 0.67	− 5 1.4	1.260	2.149	16.6	19.6
5 11	16 56.16	− 4 49.4	1.177	2.120	13.2	19.3
5 21	16 48.82	− 4 54.1	1.113	2.091	9.8	19.0
5 31	16 39.47	− 5 20.7	1.072	2.064	8.1	18.8
6 10	16 29.42	− 6 11.9	1.053	2.037	9.8	18.8
6 20	16 20.13	− 7 26.8	1.056	2.012	13.6	18.9
6 30	16 12.99	− 9 1.9	1.080	1.988	18.0	19.1
7 10	16 8.99	−10 51.9	1.121	1.965	22.0	19.3
509224 2006 SV_{329}		6 1.4 190°80	0°2/ 1.5 18			
5 1	17 0.94	−23 1.6	2.885	3.750	9.0	23.4
5 11	16 54.86	−22 58.5	2.806	3.748	6.4	23.2
5 21	16 47.45	−22 52.3	2.754	3.746	3.5	23.0
5 31	16 39.25	−22 43.2	2.730	3.743	0.5	22.7
6 10	16 30.96	−22 32.0	2.736	3.740	2.7	22.9
6 20	16 23.24	−22 19.9	2.771	3.737	5.6	23.1
6 30	16 16.67	−22 8.7	2.833	3.732	8.3	23.3
7 10	16 11.71	−21 59.9	2.918	3.728	10.7	23.5
57713 2001 UN_{124}		6 1.4 199°97	4°5/30.9 18			
5 1	17 0.18	− 8 15.8	2.338	3.204	10.8	19.6
5 11	16 54.47	− 7 56.2	2.268	3.203	8.2	19.4
5 21	16 47.28	− 7 43.2	2.224	3.201	5.7	19.2
5 31	16 39.23	− 7 38.8	2.206	3.199	4.5	19.1
6 10	16 31.08	− 7 44.6	2.217	3.196	5.7	19.2
6 20	16 23.57	− 8 0.9	2.254	3.194	8.2	19.4
6 30	16 17.36	− 8 27.4	2.315	3.191	10.9	19.5
7 10	16 12.91	− 9 3.1	2.399	3.188	13.3	19.7
382459 2000 ST_{20}		6 1.4 210°84	11°6/ 4.1 18			
5 1	17 23.41	−48 25.8	1.647	2.438	17.9	23.3
5 11	17 13.23	−49 41.3	1.567	2.429	15.5	23.1
5 21	16 58.53	−50 32.2	1.507	2.419	13.2	22.9
5 31	16 40.70	−50 48.0	1.470	2.408	11.8	22.8
6 10	16 22.10	−50 23.2	1.457	2.395	11.9	22.7
6 20	16 5.30	−49 20.8	1.467	2.380	13.7	22.8
6 30	15 52.34	−47 51.2	1.500	2.364	16.3	22.9
7 10	15 44.22	−46 8.5	1.551	2.347	19.1	23.1
155736 2000 RN_{103}		6 1.4 180°25	7°0/28.6 18			
5 1	17 1.64	− 7 35.8	1.851	2.724	12.9	19.4
5 11	16 55.72	− 5 49.6	1.791	2.724	10.0	19.2
5 21	16 48.01	− 4 9.0	1.756	2.725	7.7	19.0
5 31	16 39.32	− 2 40.6	1.747	2.725	7.1	19.0
6 10	16 30.61	− 1 29.9	1.765	2.725	8.7	19.1
6 20	16 22.78	− 0 40.3	1.808	2.724	11.4	19.3
6 30	16 16.60	− 0 13.0	1.874	2.724	14.2	19.4
7 10	16 12.57	− 0 6.3	1.958	2.723	16.7	19.6
519497 2012 DW_{104}		6 1.4 358°82	1°5/31.9 17			
5 1	17 2.54	−19 50.0	1.374	2.269	15.0	21.5
5 11	16 57.05	−19 28.9	1.312	2.268	10.8	21.2
5 21	16 49.01	−19 5.3	1.271	2.268	6.0	21.0
5 31	16 39.46	−18 41.0	1.255	2.267	1.6	20.7
6 10	16 29.76	−18 18.8	1.263	2.267	5.0	20.9
6 20	16 21.24	−18 1.7	1.295	2.268	9.9	21.2
6 30	16 14.99	−17 52.5	1.350	2.268	14.3	21.4
7 10	16 11.65	−17 52.7	1.423	2.270	18.0	21.7

2020	α_{2000}	δ_{2000}	Δ	r	β	V
306431 1998 SR_{49}			6 1.4 186°18		8°2/ 4.4 15	
	h m	° ′			°	m
5 1	17 18.95	−52 25.3	3.071	3.803	11.6	23.3
5 11	17 8.47	−53 30.2	2.993	3.803	10.3	23.2
5 21	16 55.26	−54 17.4	2.938	3.802	9.0	23.1
5 31	16 40.26	−54 41.9	2.908	3.800	8.3	23.1
6 10	16 24.83	−54 41.4	2.904	3.796	8.4	23.1
6 20	16 10.37	−54 17.2	2.927	3.792	9.2	23.1
6 30	15 58.12	−53 33.9	2.974	3.787	10.5	23.2
7 10	15 48.83	−52 38.1	3.044	3.780	11.9	23.3
413400 2004 RV_{343}			6 1.4 269°87		1°5/ 1.1 17	
5 1	17 5.96	−18 57.1	1.500	2.386	14.6	21.6
5 11	16 59.70	−18 52.4	1.412	2.364	10.6	21.3
5 21	16 50.65	−18 47.0	1.346	2.342	6.0	21.0
5 31	16 39.70	−18 41.4	1.306	2.319	1.6	20.6
6 10	16 28.16	−18 37.0	1.291	2.295	5.0	20.8
6 20	16 17.45	−18 35.8	1.302	2.271	10.2	21.0
6 30	16 8.88	−18 40.2	1.335	2.247	14.9	21.2
7 10	16 3.34	−18 52.2	1.387	2.222	19.0	21.4
500883 2013 JJ_{65}			6 1.4 94°31		0°3/30.7 16	
5 1	16 40.48	−10 18.8	41.742	42.606	0.7	23.8
5 11	16 39.77	−10 15.5	41.678	42.612	0.5	23.7
5 21	16 39.01	−10 12.6	41.640	42.618	0.4	23.7
5 31	16 38.21	−10 10.1	41.632	42.624	0.3	23.7
6 10	16 37.41	−10 8.1	41.651	42.631	0.4	23.7
6 20	16 36.64	−10 6.5	41.699	42.637	0.5	23.8
6 30	16 35.91	−10 5.6	41.774	42.643	0.7	23.8
7 10	16 35.26	−10 5.2	41.873	42.649	0.9	23.8
57605 2001 TA_{106}			6 1.4 314°74		2°6/ 1.8 18	
5 1	17 5.04	−26 10.2	1.537	2.419	14.5	18.0
5 11	16 59.00	−26 56.7	1.463	2.411	10.7	17.7
5 21	16 50.23	−27 38.5	1.411	2.402	6.4	17.4
5 31	16 39.65	−28 12.4	1.384	2.394	2.8	17.2
6 10	16 28.63	−28 36.6	1.383	2.387	4.9	17.3
6 20	16 18.58	−28 51.5	1.407	2.379	9.3	17.5
6 30	16 10.78	−29 0.1	1.455	2.372	13.5	17.8
7 10	16 6.03	−29 6.1	1.521	2.365	17.2	18.0
474880 2005 SO_{150}			6 1.4 264°71		1°0/ 1.0 18	
5 1	17 0.08	−19 26.5	2.380	3.256	10.3	21.9
5 11	16 54.55	−19 15.1	2.295	3.242	7.4	21.7
5 21	16 47.41	−19 2.3	2.235	3.229	4.1	21.5
5 31	16 39.30	−18 49.1	2.202	3.215	1.1	21.2
6 10	16 31.00	−18 36.6	2.198	3.201	3.4	21.4
6 20	16 23.29	−18 26.5	2.222	3.187	6.8	21.6
6 30	16 16.89	−18 20.3	2.271	3.173	10.0	21.7
7 10	16 12.33	−18 19.4	2.342	3.158	12.8	21.9
289374 2005 CL_{13}			6 1.4 61°64		3°4/31.9 17	
5 1	17 5.43	−14 28.8	1.281	2.174	16.1	20.2
5 11	16 58.95	−14 24.0	1.238	2.192	11.6	20.0
5 21	16 49.95	−14 24.1	1.217	2.210	6.8	19.8
5 31	16 39.60	−14 30.8	1.219	2.228	3.4	19.6
6 10	16 29.36	−14 44.9	1.247	2.247	6.0	19.8
6 20	16 20.54	−15 6.8	1.298	2.265	10.4	20.1
6 30	16 14.14	−15 36.6	1.371	2.284	14.5	20.4
7 10	16 10.73	−16 13.5	1.463	2.303	18.0	20.7
106682 2000 WL_{154}			6 1.4 234°27		3°1/ 2.8 18	
5 1	17 2.19	−32 55.5	2.460	3.312	10.8	19.5
5 11	16 56.10	−32 58.1	2.378	3.305	8.2	19.3
5 21	16 48.26	−32 50.7	2.321	3.299	5.4	19.2
5 31	16 39.41	−32 32.3	2.291	3.292	3.3	19.0
6 10	16 30.42	−32 3.6	2.288	3.285	4.0	19.0
6 20	16 22.17	−31 26.8	2.314	3.278	6.7	19.2
6 30	16 15.43	−30 45.5	2.365	3.271	9.5	19.4
7 10	16 10.74	−30 3.6	2.440	3.263	12.1	19.5
93105 2000 SB_{47}			6 1.4 240°23		2°3/31.4 18	
5 1	17 2.82	−17 52.7	2.140	3.015	11.3	20.3
5 11	16 56.60	−17 6.8	2.054	3.000	8.1	20.1
5 21	16 48.58	−16 18.5	1.992	2.985	4.7	19.9
5 31	16 39.45	−15 30.2	1.959	2.968	2.3	19.7
6 10	16 30.13	−14 44.9	1.954	2.951	4.5	19.8
6 20	16 21.51	−14 5.8	1.976	2.934	8.1	20.0
6 30	16 14.40	−13 35.5	2.024	2.916	11.5	20.2
7 10	16 9.36	−13 15.6	2.093	2.897	14.5	20.3
291626 2006 HO_{11}			6 1.4 239°91		4°0/31.2 17	
5 1	17 1.24	−11 57.3	1.979	2.857	12.0	21.2
5 11	16 55.51	−11 30.9	1.908	2.851	8.9	21.0
5 21	16 47.98	−11 8.8	1.860	2.846	5.7	20.8
5 31	16 39.38	−10 53.5	1.839	2.840	4.0	20.7
6 10	16 30.64	−10 46.9	1.845	2.835	5.6	20.7
6 20	16 22.65	−10 50.3	1.877	2.829	8.8	20.9
6 30	16 16.20	−11 4.2	1.933	2.823	12.1	21.1
7 10	16 11.85	−11 28.1	2.010	2.817	14.9	21.3

2020	α_{2000}	δ_{2000}	Δ	r	β	V
497220 2004 XD_{134}			6 1.4 159°11		1°6/ 2.2 17	
	h m	° ′			°	m
5 1	17 4.53	−29 16.4	2.303	3.163	11.2	21.7
5 11	16 57.62	−28 47.3	2.233	3.169	8.2	21.5
5 21	16 49.02	−28 8.6	2.187	3.175	4.8	21.3
5 31	16 39.50	−27 21.0	2.169	3.180	1.8	21.1
6 10	16 30.02	−26 26.7	2.181	3.185	3.3	21.2
6 20	16 21.45	−25 29.3	2.221	3.189	6.7	21.5
6 30	16 14.52	−24 33.0	2.287	3.193	9.8	21.7
7 10	16 9.70	−23 41.4	2.377	3.196	12.6	21.8
236090 2005 LM_{45}			6 1.4 19°36		5°0/30.6 17	
5 1	16 58.93	−11 52.1	1.623	2.512	13.5	19.9
5 11	16 54.02	−10 58.4	1.568	2.517	10.0	19.7
5 21	16 47.18	−10 9.4	1.537	2.523	6.6	19.5
5 31	16 39.28	− 9 29.5	1.530	2.529	5.0	19.5
6 10	16 31.36	− 9 2.0	1.548	2.536	6.8	19.6
6 20	16 24.41	− 8 49.2	1.591	2.543	10.1	19.8
6 30	16 19.24	− 8 51.4	1.657	2.551	13.5	20.0
7 10	16 16.37	− 9 7.7	1.741	2.560	16.4	20.2
502556 2015 BZ_{474}			6 1.4 194°18		3°8/31.2 17	
5 1	17 3.43	−12 40.4	1.895	2.771	12.5	21.7
5 11	16 57.10	−12 12.4	1.826	2.770	9.2	21.5
5 21	16 48.86	−11 48.3	1.781	2.768	5.8	21.3
5 31	16 39.50	−11 30.3	1.763	2.766	3.8	21.2
6 10	16 30.01	−11 20.6	1.772	2.763	5.7	21.3
6 20	16 21.36	−11 20.8	1.807	2.760	9.1	21.5
6 30	16 14.38	−11 31.5	1.866	2.756	12.4	21.7
7 10	16 9.65	−11 52.3	1.946	2.752	15.4	21.9
83746 2001 TQ_{136}			6 1.4 167°36		2°5/31.7 18	
5 1	17 1.11	−13 59.5	2.492	3.362	10.1	19.8
5 11	16 55.09	−13 54.1	2.423	3.365	7.3	19.6
5 21	16 47.63	−13 51.4	2.380	3.368	4.4	19.4
5 31	16 39.34	−13 52.5	2.364	3.371	2.5	19.3
6 10	16 30.98	−13 58.2	2.377	3.373	4.0	19.4
6 20	16 23.24	−14 9.1	2.419	3.375	6.9	19.6
6 30	16 16.78	−14 25.6	2.486	3.376	9.7	19.8
7 10	16 12.05	−14 47.9	2.576	3.377	12.2	19.9
297472 2000 TT_{21}			6 1.4 170°22		3°8/30.5 18	
5 1	16 58.97	−11 0.0	2.602	3.471	9.7	20.6
5 11	16 53.48	−10 14.0	2.535	3.473	7.2	20.5
5 21	16 46.70	− 9 31.4	2.495	3.475	4.9	20.3
5 31	16 39.22	− 8 54.6	2.482	3.477	3.8	20.2
6 10	16 31.71	− 8 26.1	2.497	3.478	5.1	20.3
6 20	16 24.80	− 8 7.2	2.540	3.480	7.5	20.5
6 30	16 19.06	− 7 59.0	2.609	3.480	10.0	20.6
7 10	16 14.91	− 8 1.0	2.698	3.481	12.2	20.8
488568 2001 XJ_{13}			6 1.4 120°88		2°3/ 2.6 17	
5 1	17 2.77	−31 16.0	2.792	3.641	9.7	22.1
5 11	16 56.14	−31 9.6	2.731	3.660	7.2	21.9
5 21	16 48.13	−30 54.9	2.696	3.677	4.5	21.8
5 31	16 39.40	−30 31.6	2.689	3.694	2.4	21.7
6 10	16 30.73	−30 1.1	2.711	3.711	3.2	21.7
6 20	16 22.83	−29 25.4	2.762	3.727	5.7	21.9
6 30	16 16.31	−28 47.6	2.841	3.742	8.3	22.1
7 10	16 11.57	−28 10.7	2.942	3.757	10.5	22.3
397093 2005 UR_{369}			6 1.4 299°30		3°1/31.0 18	
5 1	16 58.99	−15 30.6	2.085	2.967	11.2	20.9
5 11	16 53.93	−14 44.4	2.000	2.948	8.2	20.6
5 21	16 47.15	−13 57.9	1.939	2.930	5.0	20.4
5 31	16 39.30	−13 14.0	1.905	2.911	3.1	20.2
6 10	16 31.24	−12 35.8	1.898	2.892	5.0	20.3
6 20	16 23.83	−12 6.0	1.918	2.874	8.4	20.5
6 30	16 17.85	−11 46.7	1.962	2.856	11.7	20.7
7 10	16 13.84	−11 38.9	2.027	2.838	14.7	20.8
75211 1999 VD_{193}			6 1.4 146°89		0°1/ 1.4 17	
5 1	17 5.39	−23 35.8	1.740	2.618	13.3	19.8
5 11	16 58.62	−23 5.4	1.677	2.625	9.5	19.5
5 21	16 49.71	−22 28.6	1.637	2.631	5.2	19.3
5 31	16 39.62	−21 46.8	1.624	2.637	0.7	19.0
6 10	16 29.53	−21 2.9	1.638	2.643	4.0	19.2
6 20	16 20.54	−20 20.7	1.679	2.648	8.3	19.5
6 30	16 13.56	−19 44.0	1.744	2.653	12.2	19.8
7 10	16 9.12	−19 15.7	1.830	2.657	15.4	20.0
467284 2016 EP_{193}			6 1.4 110°15		14°0/28.8 18	
5 1	17 4.54	+13 49.2	1.737	2.532	17.0	21.1
5 11	16 57.74	+15 8.5	1.708	2.550	15.4	21.0
5 21	16 49.10	+16 0.1	1.699	2.567	14.3	21.0
5 31	16 39.54	+16 18.4	1.711	2.584	14.1	21.0
6 10	16 30.12	+16 1.8	1.743	2.601	14.7	21.1
6 20	16 21.81	+15 12.5	1.796	2.617	15.9	21.2
6 30	16 15.37	+13 55.6	1.868	2.632	17.4	21.4
7 10	16 11.25	+12 17.9	1.955	2.647	18.8	21.5

2020	α_{2000}	δ_{2000}	Δ	r	β	V
440981 2007 CO_{37}			6 1.4 120.°70 3.°8/31.1 16			
	h m	° ′			°	m
5 1	16 59.18	−10 11.7	2.425	3.295	10.3	21.9
5 11	16 53.73	− 9 51.4	2.361	3.300	7.7	21.7
5 21	16 46.89	− 9 36.1	2.322	3.304	5.1	21.6
5 31	16 39.28	− 9 27.8	2.311	3.308	3.8	21.5
6 10	16 31.62	− 9 27.8	2.327	3.312	5.1	21.6
6 20	16 24.60	− 9 36.7	2.370	3.315	7.6	21.7
6 30	16 18.82	− 9 54.7	2.438	3.319	10.2	21.9
7 10	16 14.73	−10 20.9	2.528	3.323	12.6	22.1
104201 2000 EN_{108}			6 1.4 174.°19 3.°4/ 2.6 18			
5 1	17 4.96	−32 18.2	2.351	3.203	11.3	20.3
5 11	16 58.14	−32 40.7	2.278	3.205	8.5	20.1
5 21	16 49.44	−32 53.9	2.229	3.207	5.6	19.9
5 31	16 39.61	−32 56.0	2.207	3.208	3.5	19.8
6 10	16 29.65	−32 47.0	2.214	3.209	4.3	19.8
6 20	16 20.49	−32 28.6	2.248	3.209	7.0	20.0
6 30	16 12.97	−32 4.1	2.308	3.209	9.9	20.2
7 10	16 7.65	−31 37.5	2.390	3.209	12.5	20.4
326205 2012 CK_{21}			6 1.4 57.°72 0.°8/ 1.2 17			
5 1	17 4.39	−21 12.4	1.340	2.233	15.5	21.2
5 11	16 58.29	−20 57.4	1.290	2.245	11.0	21.0
5 21	16 49.66	−20 39.0	1.262	2.258	6.0	20.7
5 31	16 39.64	−20 18.3	1.258	2.271	1.0	20.4
6 10	16 29.67	−19 57.8	1.279	2.284	4.7	20.7
6 20	16 21.07	−19 40.5	1.324	2.298	9.6	21.0
6 30	16 14.86	−19 29.4	1.392	2.311	13.9	21.3
7 10	16 11.60	−19 26.4	1.479	2.325	17.5	21.6
71122 1999 XC_{165}			6 1.4 154.°06 3.°1/ 2.6 18			
5 1	17 4.83	−32 13.5	2.463	3.313	10.9	19.6
5 11	16 57.91	−32 25.7	2.394	3.320	8.2	19.5
5 21	16 49.25	−32 28.5	2.349	3.328	5.3	19.3
5 31	16 39.60	−32 20.7	2.333	3.334	3.2	19.2
6 10	16 29.90	−32 2.7	2.344	3.341	4.0	19.2
6 20	16 21.01	−31 36.6	2.384	3.346	6.6	19.4
6 30	16 13.71	−31 5.7	2.450	3.352	9.4	19.6
7 10	16 8.51	−30 33.9	2.539	3.356	11.9	19.8
92609 2000 PO_{24}			6 1.4 253.°86 0.°4/ 1.4 18			
5 1	17 5.22	−20 14.8	2.100	2.971	11.6	20.0
5 11	16 58.57	−20 29.0	2.006	2.951	8.4	19.7
5 21	16 49.83	−20 42.5	1.937	2.930	4.7	19.5
5 31	16 39.71	−20 54.9	1.895	2.909	0.7	19.1
6 10	16 29.17	−21 6.2	1.882	2.887	3.7	19.3
6 20	16 19.23	−21 17.1	1.897	2.864	7.7	19.5
6 30	16 10.85	−21 29.0	1.938	2.841	11.4	19.7
7 10	16 4.73	−21 43.7	2.001	2.817	14.7	19.9
234105 1999 VP_{15}			6 1.4 159.°15 5.°0/ 2.9 18			
5 1	17 7.52	−36 39.9	2.304	3.140	12.0	20.9
5 11	17 0.11	−37 20.8	2.234	3.146	9.4	20.8
5 21	16 50.59	−37 49.6	2.189	3.151	6.8	20.6
5 31	16 39.79	−38 3.4	2.169	3.156	5.2	20.5
6 10	16 28.81	−38 1.3	2.178	3.160	5.6	20.5
6 20	16 18.73	−37 45.1	2.214	3.164	7.8	20.7
6 30	16 10.48	−37 18.6	2.275	3.167	10.4	20.9
7 10	16 4.69	−36 46.9	2.359	3.170	12.9	21.0
332061 2005 SN_{55}			6 1.4 229.°59 0.°7/ 1.7 17			
5 1	17 4.37	−24 20.2	1.811	2.688	12.9	21.4
5 11	16 58.07	−24 21.0	1.735	2.682	9.3	21.2
5 21	16 49.55	−24 16.5	1.683	2.677	5.2	20.9
5 31	16 39.67	−24 6.3	1.657	2.670	1.1	20.6
6 10	16 29.57	−23 51.4	1.659	2.664	3.8	20.8
6 20	16 20.38	−23 34.0	1.687	2.658	8.1	21.0
6 30	16 13.08	−23 17.4	1.739	2.651	12.0	21.2
7 10	16 8.31	−23 4.4	1.812	2.644	15.3	21.4
59969 1999 RV_{246}			6 1.4 243.°40 6.°0/29.4 16			
5 1	16 58.38	− 4 52.3	2.403	3.265	10.7	19.8
5 11	16 53.21	− 3 52.7	2.335	3.259	8.5	19.7
5 21	16 46.65	− 3 0.3	2.291	3.252	6.6	19.6
5 31	16 39.29	− 2 18.9	2.273	3.246	6.0	19.5
6 10	16 31.85	− 1 51.3	2.283	3.240	7.2	19.6
6 20	16 24.99	− 1 39.0	2.318	3.233	9.3	19.7
6 30	16 19.36	− 1 42.1	2.377	3.226	11.6	19.8
7 10	16 15.38	− 1 59.3	2.456	3.219	13.7	20.0
287136 2002 RP_{201}			6 1.4 284.°53 1.°1/ 1.7 17			
5 1	17 4.66	−24 53.8	1.543	2.427	14.4	20.9
5 11	16 58.81	−24 55.7	1.455	2.405	10.5	20.6
5 21	16 50.22	−24 51.2	1.389	2.383	6.0	20.3
5 31	16 39.78	−24 39.3	1.348	2.361	1.4	19.9
6 10	16 28.82	−24 20.8	1.333	2.339	4.5	20.1
6 20	16 18.73	−23 58.3	1.343	2.316	9.5	20.3
6 30	16 10.79	−23 36.0	1.376	2.294	14.1	20.5
7 10	16 5.87	−23 18.2	1.428	2.272	18.1	20.7
67145 2000 AW_{173}			6 1.4 201.°64 4.°2/30.9 18			
	h m	° ′			°	m
5 1	17 1.42	− 9 21.3	2.408	3.273	10.6	19.5
5 11	16 55.38	− 8 53.7	2.334	3.269	8.0	19.3
5 21	16 47.85	− 8 31.3	2.286	3.264	5.5	19.1
5 31	16 39.45	− 8 16.4	2.265	3.259	4.2	19.0
6 10	16 30.94	− 8 10.7	2.273	3.253	5.5	19.1
6 20	16 23.04	− 8 15.1	2.307	3.247	8.1	19.2
6 30	16 16.44	− 8 29.8	2.367	3.240	10.8	19.4
7 10	16 11.59	− 8 54.2	2.449	3.233	13.2	19.6
75525 1999 XQ_{209}			6 1.4 231.°45 4.°1/ 2.7 18 R			
5 1	17 5.63	−34 1.5	2.264	3.111	11.8	20.6
5 11	16 58.84	−34 26.9	2.178	3.101	9.1	20.4
5 21	16 49.95	−34 41.7	2.117	3.090	6.2	20.2
5 31	16 39.73	−34 43.6	2.082	3.079	4.2	20.0
6 10	16 29.23	−34 32.1	2.075	3.067	4.9	20.0
6 20	16 19.50	−34 8.9	2.095	3.055	7.6	20.2
6 30	16 11.49	−33 37.8	2.141	3.042	10.6	20.3
7 10	16 5.84	−33 3.3	2.209	3.029	13.3	20.5
36960 2000 SV_{279}			6 1.4 224.°67 0.°3/ 1.4 18			
5 1	17 5.68	−19 33.4	1.954	2.828	12.2	19.1
5 11	16 58.90	−20 4.0	1.876	2.823	8.8	18.9
5 21	16 50.00	−20 35.4	1.823	2.817	4.9	18.7
5 31	16 39.74	−21 6.2	1.797	2.811	0.7	18.3
6 10	16 29.18	−21 35.8	1.799	2.804	3.7	18.6
6 20	16 19.38	−22 4.2	1.829	2.797	7.8	18.8
6 30	16 11.30	−22 32.1	1.884	2.790	11.6	19.0
7 10	16 5.59	−23 0.9	1.961	2.783	14.7	19.2
135183 2001 QK_{329}			6 1.4 191.°92 7.°5/29.2 18			
5 1	16 59.49	+ 0 16.8	2.338	3.184	11.5	20.2
5 11	16 54.00	+ 1 9.7	2.277	3.183	9.5	20.0
5 21	16 47.08	+ 1 51.1	2.240	3.182	8.0	19.9
5 31	16 39.36	+ 2 17.1	2.228	3.180	7.5	19.9
6 10	16 31.57	+ 2 25.4	2.243	3.178	8.5	19.9
6 20	16 24.42	+ 2 15.5	2.282	3.177	10.3	20.1
6 30	16 18.54	+ 1 48.5	2.344	3.174	12.3	20.2
7 10	16 14.38	+ 1 6.6	2.426	3.172	14.3	20.3
472806 2015 FW_{160}			6 1.4 258.°57 3.°7/31.3 17			
5 1	17 1.26	−13 3.0	1.887	2.767	12.3	21.2
5 11	16 55.61	−12 35.1	1.818	2.764	9.0	21.0
5 21	16 48.11	−12 10.8	1.772	2.760	5.7	20.8
5 31	16 39.50	−11 52.4	1.753	2.757	3.7	20.7
6 10	16 30.76	−11 42.3	1.760	2.753	5.5	20.8
6 20	16 22.81	−11 41.9	1.794	2.749	8.9	21.0
6 30	16 16.49	−11 51.9	1.851	2.745	12.3	21.2
7 10	16 12.35	−12 11.9	1.929	2.742	15.3	21.4
173205 1998 RT_{67}			6 1.4 277.°61 3.°0/ 2.4 18			
5 1	17 3.67	−30 12.7	1.945	2.812	12.6	19.8
5 11	16 57.65	−30 24.4	1.859	2.796	9.4	19.6
5 21	16 49.38	−30 26.6	1.795	2.781	6.0	19.4
5 31	16 39.68	−30 17.8	1.758	2.765	3.1	19.1
6 10	16 29.65	−29 58.2	1.747	2.748	4.4	19.2
6 20	16 20.42	−29 29.9	1.763	2.732	8.0	19.4
6 30	16 13.03	−28 57.2	1.804	2.716	11.6	19.6
7 10	16 8.16	−28 24.4	1.866	2.700	14.9	19.7
44781 1999 TO_{154}			6 1.4 142.°16 4.°1/31.2 17			
5 1	17 4.02	−13 26.3	1.657	2.539	13.6	19.3
5 11	16 57.67	−12 48.6	1.598	2.545	10.0	19.1
5 21	16 49.25	−12 14.4	1.562	2.551	6.2	18.9
5 31	16 39.64	−11 46.6	1.552	2.556	4.1	18.8
6 10	16 30.00	−11 28.2	1.568	2.561	6.1	18.9
6 20	16 21.38	−11 21.0	1.609	2.565	9.8	19.1
6 30	16 14.68	−11 25.9	1.674	2.569	13.4	19.3
7 10	16 10.45	−11 42.4	1.759	2.573	16.5	19.6
103597 2000 CP_{14}			6 1.4 60.°44 2.°1/31.9 17			
5 1	17 3.91	−18 32.6	1.399	2.291	15.0	19.9
5 11	16 57.83	−18 9.3	1.350	2.305	10.7	19.6
5 21	16 49.38	−17 45.3	1.324	2.319	6.0	19.4
5 31	16 39.67	−17 22.8	1.322	2.333	2.1	19.2
6 10	16 30.01	−17 4.2	1.345	2.348	5.1	19.4
6 20	16 21.65	−16 52.1	1.393	2.363	9.6	19.7
6 30	16 15.55	−16 48.5	1.463	2.377	13.7	20.0
7 10	16 12.23	−16 54.2	1.553	2.392	17.1	20.3
282416 2003 UX_{202}			6 1.4 277.°39 3.°9/30.7 18			
5 1	17 0.83	−14 28.0	1.894	2.776	12.2	20.7
5 11	16 55.37	−13 25.9	1.814	2.762	9.0	20.5
5 21	16 48.02	−12 23.7	1.759	2.747	5.7	20.3
5 31	16 39.52	−11 25.3	1.730	2.733	3.9	20.1
6 10	16 30.83	−10 34.8	1.728	2.719	5.9	20.2
6 20	16 22.90	− 9 55.8	1.753	2.704	9.4	20.4
6 30	16 16.56	− 9 30.5	1.801	2.690	12.9	20.6
7 10	16 12.41	− 9 19.6	1.869	2.675	15.9	20.8

382900 2004 RH_8 6 1.4 221°.05 2°.0/31.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 1	17 2.53	−18 31.0	2.028	2.906	11.7	21.6
5 11	16 56.46	−17 49.5	1.952	2.900	8.4	21.3
5 21	16 48.56	−17 5.7	1.900	2.893	4.8	21.1
5 31	16 39.59	−16 21.9	1.875	2.886	2.0	20.9
6 10	16 30.49	−15 41.1	1.879	2.878	4.4	21.1
6 20	16 22.18	−15 6.2	1.909	2.870	8.1	21.3
6 30	16 15.47	−14 39.8	1.964	2.862	11.6	21.5
7 10	16 10.91	−14 23.3	2.041	2.853	14.6	21.6

394712 2008 ED_{13} 6 1.5 301°.23 0°.6/ 1.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 0.46	−20 28.9	2.144	3.023	11.1	20.9
5 11	16 54.99	−20 28.4	2.066	3.015	7.9	20.7
5 21	16 47.78	−20 26.3	2.013	3.008	4.4	20.5
5 31	16 39.49	−20 23.0	1.987	3.001	0.8	20.2
6 10	16 31.03	−20 19.5	1.989	2.993	3.4	20.4
6 20	16 23.25	−20 17.1	2.017	2.986	7.2	20.6
6 30	16 16.95	−20 17.4	2.071	2.979	10.6	20.8
7 10	16 12.67	−20 21.9	2.147	2.972	13.5	21.0

380049 2013 RQ_{68} 6 1.5 213°.73 0°.8/ 1.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 4.90	−24 39.6	1.918	2.791	12.5	21.9
5 11	16 58.37	−24 41.2	1.841	2.786	9.0	21.7
5 21	16 49.71	−24 37.3	1.788	2.781	5.1	21.4
5 31	16 39.75	−24 27.4	1.762	2.775	1.1	21.1
6 10	16 29.59	−24 12.7	1.763	2.769	3.7	21.3
6 20	16 20.29	−23 55.1	1.792	2.762	7.8	21.5
6 30	16 12.80	−23 37.7	1.845	2.755	11.6	21.7
7 10	16 7.75	−23 23.7	1.920	2.747	14.8	21.9

311999 2007 NS_2 6 1.5 147°.99 14°.7/ 9.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 27.33	−52 57.6	0.740	1.581	29.7	19.7
5 11	17 17.74	−52 30.2	0.687	1.586	25.4	19.5
5 21	17 1.22	−51 0.8	0.646	1.591	20.7	19.2
5 31	16 41.17	−48 13.5	0.621	1.595	16.4	19.0
6 10	16 22.34	−44 12.3	0.615	1.598	14.8	18.9
6 20	16 8.33	−39 25.1	0.630	1.601	17.1	19.0
6 30	16 0.71	−34 31.5	0.664	1.603	21.7	19.3
7 10	15 59.29	−30 4.1	0.715	1.605	26.5	19.6

253452 2003 RY_{23} 6 1.5 289°.18 1°.4/31.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 3.40	−21 27.8	1.397	2.289	15.0	19.9
5 11	16 57.89	−20 44.9	1.318	2.274	10.9	19.6
5 21	16 49.69	−19 55.2	1.261	2.258	6.0	19.2
5 31	16 39.77	−19 1.2	1.229	2.242	1.5	18.9
6 10	16 29.50	−18 7.1	1.222	2.226	5.2	19.1
6 20	16 20.28	−17 18.1	1.239	2.211	10.3	19.3
6 30	16 13.32	−16 39.1	1.278	2.195	15.1	19.6
7 10	16 9.38	−16 13.2	1.336	2.180	19.1	19.8

185085 2006 RG_{92} 6 1.5 214°.96 0°.3/ 1.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 1.46	−23 47.8	2.513	3.382	10.0	21.6
5 11	16 55.50	−23 41.7	2.432	3.376	7.2	21.4
5 21	16 47.98	−23 31.5	2.377	3.370	4.0	21.2
5 31	16 39.54	−23 17.5	2.350	3.363	0.7	20.9
6 10	16 30.95	−23 0.6	2.351	3.356	2.9	21.1
6 20	16 23.01	−22 42.5	2.381	3.349	6.3	21.3
6 30	16 16.39	−22 25.5	2.437	3.342	9.3	21.5
7 10	16 11.60	−22 11.5	2.516	3.334	12.0	21.6

488663 2003 SZ_{337} 6 1.5 296°.42 4°.0/30.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 1.28	−14 20.7	1.754	2.639	12.9	22.2
5 11	16 56.01	−13 32.1	1.661	2.609	9.5	21.9
5 21	16 48.55	−12 43.6	1.590	2.580	6.0	21.6
5 31	16 39.64	−11 58.7	1.545	2.550	4.0	21.4
6 10	16 30.29	−11 21.3	1.527	2.520	6.2	21.5
6 20	16 21.60	−10 54.9	1.534	2.490	10.1	21.7
6 30	16 14.58	−10 41.9	1.564	2.460	14.1	21.8
7 10	16 9.97	−10 43.1	1.613	2.430	17.6	22.0

8093 1992 UZ_2 6 1.5 207°.37 0°.0/ 1.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 2.00	−22 26.4	2.227	3.100	11.0	18.3
5 11	16 56.03	−22 25.2	2.152	3.098	7.8	18.1
5 21	16 48.32	−22 20.9	2.101	3.095	4.3	17.9
5 31	16 39.59	−22 13.6	2.079	3.092	0.6	17.5
6 10	16 30.72	−22 4.3	2.084	3.089	3.2	17.8
6 20	16 22.57	−21 54.4	2.117	3.086	6.9	18.0
6 30	16 15.91	−21 46.1	2.176	3.082	10.2	18.2
7 10	16 11.27	−21 41.3	2.256	3.079	13.0	18.4

253631 2003 UN_{101} 6 1.5 329°.34 1°.0/ 1.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 0.14	−19 56.4	1.073	1.984	17.0	19.6
5 11	16 56.25	−20 1.9	1.000	1.963	12.4	19.3
5 21	16 49.12	−20 6.9	0.945	1.944	7.0	18.9
5 31	16 39.74	−20 11.8	0.912	1.926	1.3	18.5
6 10	16 29.72	−20 17.9	0.901	1.909	5.6	18.7
6 20	16 20.79	−20 26.8	0.912	1.893	11.6	19.0
6 30	16 14.54	−20 41.1	0.942	1.878	17.1	19.2
7 10	16 11.95	−21 2.5	0.988	1.865	21.8	19.5

382558 2001 XO_{34} 6 1.5 141°.03 5°.0/ 4.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 1	17 11.35	−40 23.1	2.085	2.908	13.6	19.9
5 11	17 2.67	−39 41.8	2.014	2.917	10.7	19.7
5 21	16 51.85	−38 40.3	1.966	2.927	7.6	19.5
5 31	16 40.02	−37 17.8	1.946	2.935	5.3	19.4
6 10	16 28.48	−35 37.8	1.954	2.944	5.4	19.4
6 20	16 18.36	−33 46.5	1.992	2.951	7.9	19.6
6 30	16 10.51	−31 52.2	2.056	2.959	10.9	19.8
7 10	16 5.37	−30 2.4	2.145	2.966	13.7	20.0

497051 2003 SW_{327} 6 1.5 259°.64 2°.0/31.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 4.98	−18 26.6	1.663	2.545	13.6	21.8
5 11	16 58.75	−18 4.0	1.576	2.527	9.8	21.5
5 21	16 50.10	−17 39.7	1.513	2.507	5.6	21.2
5 31	16 39.85	−17 15.3	1.476	2.488	2.0	21.0
6 10	16 29.19	−16 53.3	1.466	2.468	4.9	21.1
6 20	16 19.36	−16 36.2	1.481	2.447	9.5	21.3
6 30	16 11.45	−16 26.9	1.520	2.426	13.8	21.5
7 10	16 6.23	−16 27.0	1.578	2.404	17.5	21.7

377616 2005 SO_{70} 6 1.5 277°.05 1°.5/ 1.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 4.41	−18 39.9	1.753	2.634	13.1	21.5
5 11	16 58.35	−18 32.7	1.659	2.609	9.5	21.2
5 21	16 49.90	−18 24.8	1.589	2.583	5.4	20.9
5 31	16 39.83	−18 17.0	1.544	2.557	1.6	20.6
6 10	16 29.25	−18 10.7	1.527	2.530	4.6	20.7
6 20	16 19.35	−18 7.6	1.535	2.503	9.1	20.9
6 30	16 11.23	−18 9.9	1.568	2.475	13.4	21.1
7 10	16 5.71	−18 19.2	1.620	2.447	17.1	21.3

106290 2000 UR_{79} 6 1.5 269°.32 0°.7/ 1.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 1.17	−22 13.3	2.505	3.376	10.0	19.3
5 11	16 55.36	−21 34.2	2.406	3.352	7.2	19.1
5 21	16 47.95	−20 50.0	2.333	3.327	4.0	18.8
5 31	16 39.56	−20 2.0	2.289	3.302	0.8	18.5
6 10	16 30.96	−19 12.6	2.274	3.277	3.3	18.7
6 20	16 22.92	−18 24.7	2.287	3.251	6.7	18.9
6 30	16 16.16	−17 41.4	2.326	3.225	10.0	19.0
7 10	16 11.22	−17 5.1	2.389	3.199	12.8	19.2

8679 Tingstäde 6 1.5 231°.62 0°.3/ 1.3 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 0.83	−21 46.8	2.578	3.449	9.8	19.0
5 11	16 55.04	−21 35.8	2.494	3.439	7.0	18.8
5 21	16 47.74	−21 21.8	2.435	3.429	3.8	18.6
5 31	16 39.53	−21 5.6	2.404	3.418	0.6	18.3
6 10	16 31.17	−20 48.2	2.402	3.407	3.0	18.5
6 20	16 23.40	−20 31.3	2.429	3.395	6.3	18.7
6 30	16 16.87	−20 16.8	2.482	3.384	9.3	18.8
7 10	16 12.10	−20 6.4	2.557	3.371	11.9	19.0

267037 1997 YG 6 1.5 176°.82 1°.5/ 1.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 4.29	−17 48.0	1.992	2.868	12.0	21.0
5 11	16 57.75	−17 46.7	1.923	2.869	8.6	20.8
5 21	16 49.31	−17 45.8	1.878	2.871	4.8	20.6
5 31	16 39.74	−17 45.8	1.860	2.871	1.6	20.3
6 10	16 30.04	−17 47.8	1.870	2.872	4.0	20.5
6 20	16 21.16	−17 52.8	1.907	2.872	7.8	20.7
6 30	16 13.94	−18 2.0	1.969	2.871	11.3	21.0
7 10	16 8.95	−18 16.5	2.053	2.870	14.3	21.2

353731 2011 WR_{114} 6 1.5 266°.13 3°.7/30.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 0.24	−11 36.1	2.398	3.269	10.4	21.2
5 11	16 54.71	−11 7.5	2.309	3.248	7.7	21.0
5 21	16 47.61	−10 42.3	2.244	3.228	5.1	20.8
5 31	16 39.53	−10 22.6	2.207	3.206	3.7	20.7
6 10	16 31.22	−10 10.4	2.198	3.185	5.1	20.8
6 20	16 23.43	−10 7.2	2.216	3.163	8.0	20.9
6 30	16 16.87	−10 13.7	2.259	3.141	10.9	21.0
7 10	16 12.06	−10 29.9	2.324	3.118	13.5	21.2

275609 1999 XQ_{147} 6 1.5 158°.52 0°.9/ 1.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 2.08	−24 3.4	2.557	3.424	10.0	21.3
5 11	16 55.94	−24 27.9	2.484	3.426	7.2	21.1
5 21	16 48.25	−24 49.4	2.437	3.428	4.0	20.9
5 31	16 39.62	−25 7.1	2.418	3.430	1.1	20.7
6 10	16 30.85	−25 20.7	2.427	3.432	2.9	20.8
6 20	16 22.70	−25 30.9	2.466	3.434	6.1	21.0
6 30	16 15.87	−25 39.2	2.531	3.435	9.0	21.2
7 10	16 10.87	−25 47.1	2.619	3.437	11.6	21.4

507837 2014 FT_3 6 1.5 19°.68 3°.0/ 1.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 2.82	−27 25.6	1.602	2.484	14.0	19.9
5 11	16 57.21	−28 15.7	1.545	2.492	10.3	19.7
5 21	16 49.20	−28 59.2	1.511	2.501	6.3	19.5
5 31	16 39.75	−29 33.2	1.503	2.511	3.2	19.3
6 10	16 30.14	−29 56.5	1.519	2.522	4.8	19.4
6 20	16 21.61	−30 10.0	1.562	2.533	8.6	19.7
6 30	16 15.20	−30 16.5	1.627	2.545	12.3	19.9
7 10	16 11.56	−30 19.7	1.713	2.559	15.5	20.2

2020	α_{2000}	δ_{2000}	Δ	r	β	V
148444 2000 XL_{42}			6 1.5 145°.50	4°.7/ 3.4 17		
	h m	° ′			°	m
5 1	17 4.77	−38 42.7	2.869	3.692	10.3	20.7
5 11	16 57.87	−39 14.9	2.800	3.700	8.2	20.5
5 21	16 49.30	−39 35.7	2.756	3.709	6.1	20.4
5 31	16 39.76	−39 43.2	2.738	3.716	4.8	20.3
6 10	16 30.11	−39 37.1	2.749	3.724	5.1	20.4
6 20	16 21.19	−39 18.7	2.787	3.731	6.7	20.5
6 30	16 13.74	−38 51.2	2.852	3.737	8.8	20.6
7 10	16 8.28	−38 18.6	2.939	3.744	10.8	20.8
455701 2005 EZ_{208}			6 1.5 15°.80	1°.0/ 1.7 17		
5 1	17 1.12	−25 3.4	1.055	1.962	17.5	20.0
5 11	16 56.63	−24 54.8	1.006	1.967	12.7	19.7
5 21	16 49.08	−24 37.4	0.975	1.973	7.1	19.4
5 31	16 39.74	−24 11.6	0.966	1.980	1.5	19.1
6 10	16 30.35	−23 40.4	0.980	1.988	5.0	19.4
6 20	16 22.52	−23 8.4	1.016	1.997	10.6	19.7
6 30	16 17.49	−22 41.0	1.072	2.008	15.5	20.0
7 10	16 15.89	−22 21.8	1.145	2.020	19.6	20.3
25603 2000 AR_4			6 1.5 248°.27	2°.2/31.9 18		
5 1	17 2.44	−15 41.3	2.030	2.907	11.7	18.5
5 11	16 56.49	−15 39.4	1.953	2.899	8.5	18.2
5 21	16 48.67	−15 39.8	1.900	2.892	4.9	18.0
5 31	16 39.70	−15 43.3	1.874	2.884	2.3	17.8
6 10	16 30.51	−15 50.9	1.876	2.875	4.3	17.9
6 20	16 22.04	−16 3.4	1.904	2.867	8.0	18.1
6 30	16 15.11	−16 21.6	1.958	2.859	11.4	18.3
7 10	16 10.31	−16 45.6	2.033	2.850	14.4	18.5
422437 2014 SM_{300}			6 1.5 136°.88	4°.0/ 2.5 17		
5 1	17 8.45	−31 28.8	1.629	2.495	14.7	21.4
5 11	17 1.26	−31 53.6	1.567	2.502	11.0	21.2
5 21	16 51.43	−32 6.6	1.526	2.509	7.1	20.9
5 31	16 40.05	−32 4.9	1.511	2.515	4.1	20.8
6 10	16 28.55	−31 48.7	1.523	2.521	5.3	20.9
6 20	16 18.31	−31 21.2	1.560	2.527	9.0	21.1
6 30	16 10.44	−30 47.4	1.620	2.533	12.7	21.3
7 10	16 5.60	−30 13.3	1.702	2.538	16.0	21.5
372918 2011 BW_5			6 1.5 143°.18	0°.2/ 1.6 17 R		
5 1	17 5.22	−23 35.2	1.905	2.779	12.5	22.4
5 11	16 58.46	−23 25.8	1.841	2.787	9.0	22.2
5 21	16 49.70	−23 11.4	1.802	2.795	4.9	21.9
5 31	16 39.82	−22 52.3	1.789	2.803	0.7	21.6
6 10	16 29.91	−22 30.1	1.805	2.810	3.6	21.9
6 20	16 20.98	−22 7.3	1.847	2.816	7.7	22.1
6 30	16 13.90	−21 46.9	1.914	2.822	11.3	22.4
7 10	16 9.20	−21 31.5	2.003	2.828	14.3	22.6
77873 2001 SQ_{46}			6 1.5 7°.47	4°.3/31.2 18		
5 1	16 59.16	−12 48.1	1.600	2.491	13.5	17.7
5 11	16 54.36	−12 16.0	1.541	2.492	10.0	17.5
5 21	16 47.54	−11 48.5	1.504	2.494	6.3	17.3
5 31	16 39.55	−11 28.8	1.492	2.496	4.3	17.1
6 10	16 31.49	−11 19.3	1.506	2.499	6.2	17.3
6 20	16 24.36	−11 21.7	1.544	2.503	9.8	17.5
6 30	16 19.03	−11 36.2	1.604	2.508	13.3	17.7
7 10	16 16.08	−12 2.0	1.684	2.513	16.4	17.9
294114 2007 TQ_{237}			6 1.5 18°.15	1°.3/ 1.1 17		
5 1	17 2.64	−22 13.6	1.207	2.108	16.3	19.8
5 11	16 57.39	−21 26.4	1.151	2.110	11.7	19.5
5 21	16 49.38	−20 32.1	1.116	2.114	6.4	19.3
5 31	16 39.81	−19 34.1	1.104	2.117	1.4	18.9
6 10	16 30.20	−18 37.5	1.116	2.122	5.2	19.2
6 20	16 21.99	−17 47.9	1.152	2.127	10.5	19.5
6 30	16 16.30	−17 9.9	1.208	2.132	15.2	19.8
7 10	16 13.74	−16 46.0	1.283	2.138	19.1	20.1
30942 Helicaon			6 1.5 193°.04	4°.8/28.8 18		
5 1	16 52.43	+ 4 14.5	4.712	5.528	6.6	18.9
5 11	16 48.54	+ 4 40.7	4.650	5.527	5.7	18.8
5 21	16 44.00	+ 4 59.3	4.613	5.526	5.0	18.8
5 31	16 39.11	+ 5 8.9	4.603	5.525	4.8	18.7
6 10	16 34.19	+ 5 8.7	4.619	5.524	5.2	18.8
6 20	16 29.54	+ 4 58.5	4.662	5.523	6.1	18.8
6 30	16 25.47	+ 4 38.7	4.728	5.522	7.1	18.9
7 10	16 22.22	+ 4 10.2	4.816	5.521	8.2	19.0
426003 2011 JT_{20}			6 1.5 313°.95	4°.1/31.4 17		
5 1	17 0.86	−13 3.4	1.618	2.506	13.6	20.8
5 11	16 55.74	−12 39.8	1.542	2.492	10.0	20.6
5 21	16 48.42	−12 20.6	1.489	2.479	6.3	20.3
5 31	16 39.71	−12 8.4	1.461	2.465	4.1	20.2
6 10	16 30.71	−12 5.6	1.458	2.453	6.1	20.2
6 20	16 22.53	−12 13.6	1.480	2.441	10.0	20.4
6 30	16 16.17	−12 33.3	1.524	2.429	13.9	20.6
7 10	16 12.31	−13 3.8	1.588	2.417	17.3	20.8

2020	α_{2000}	δ_{2000}	Δ	r	β	V
67573 2000 SB_{111}			6 1.5 322°.87	1°.1/ 1.3 18		
	h m	° ′			°	m
5 1	16 59.89	−20 50.4	1.055	1.966	17.2	18.5
5 11	16 56.24	−20 40.2	0.975	1.939	12.6	18.1
5 21	16 49.25	−20 26.3	0.914	1.913	7.1	17.7
5 31	16 39.87	−20 9.7	0.875	1.888	1.3	17.3
6 10	16 29.71	−19 53.0	0.857	1.864	5.8	17.5
6 20	16 20.57	−19 39.8	0.860	1.841	12.1	17.7
6 30	16 14.13	−19 34.1	0.882	1.819	17.9	18.0
7 10	16 11.45	−19 39.0	0.919	1.799	22.8	18.2
32859 1993 EL			6 1.5 28°.34	8°.9/ 2.2 18		
5 1	17 4.75	− 0 58.0	1.047	1.932	19.5	17.4
5 11	16 58.62	− 1 31.4	1.022	1.959	15.3	17.3
5 21	16 49.89	− 2 29.6	1.015	1.988	11.3	17.1
5 31	16 39.87	− 3 52.6	1.030	2.019	9.0	17.1
6 10	16 30.18	− 5 36.2	1.068	2.050	9.9	17.2
6 20	16 22.14	− 7 33.2	1.128	2.084	13.0	17.5
6 30	16 16.73	− 9 36.6	1.209	2.118	16.4	17.8
7 10	16 14.42	−11 40.3	1.310	2.153	19.5	18.1
103393 2000 AF_{127}			6 1.5 56°.23	1°.0/ 1.8 17		
5 1	17 4.66	−26 12.5	1.389	2.276	15.4	19.1
5 11	16 58.53	−25 47.5	1.337	2.289	11.1	18.9
5 21	16 49.88	−25 12.8	1.308	2.302	6.2	18.7
5 31	16 39.89	−24 29.8	1.303	2.316	1.4	18.4
6 10	16 29.99	−23 41.8	1.323	2.329	4.3	18.6
6 20	16 21.50	−22 53.7	1.368	2.343	9.1	18.9
6 30	16 15.41	−22 10.6	1.436	2.357	13.4	19.2
7 10	16 12.27	−21 36.3	1.523	2.372	16.9	19.5
153599 2001 SD_{280}			6 1.5 129°.28	2°.3/31.7 18		
5 1	17 3.86	−16 56.6	1.933	2.810	12.2	19.6
5 11	16 57.37	−16 28.6	1.874	2.821	8.7	19.4
5 21	16 49.07	−16 0.7	1.840	2.832	5.0	19.2
5 31	16 39.79	−15 35.1	1.833	2.843	2.3	19.0
6 10	16 30.52	−15 13.8	1.854	2.853	4.5	19.2
6 20	16 22.18	−14 58.9	1.901	2.862	8.1	19.4
6 30	16 15.55	−14 51.9	1.973	2.871	11.5	19.7
7 10	16 11.12	−14 53.5	2.067	2.880	14.4	19.9
470428 2007 VW_{258}			6 1.5 144°.75	4°.1/30.8 17		
5 1	17 0.35	−11 17.3	2.186	3.060	11.1	21.4
5 11	16 54.74	−10 34.2	2.123	3.064	8.3	21.2
5 21	16 47.60	− 9 55.2	2.085	3.067	5.5	21.1
5 31	16 39.60	− 9 22.9	2.073	3.071	4.1	21.0
6 10	16 31.56	− 9 0.0	2.089	3.074	5.6	21.1
6 20	16 24.25	− 8 48.0	2.132	3.077	8.4	21.3
6 30	16 18.35	− 8 47.5	2.199	3.080	11.2	21.4
7 10	16 14.30	− 8 58.1	2.288	3.083	13.7	21.6
471796 2012 VC_{63}			6 1.5 262°.15	0°.5/ 1.6 18		
5 1	17 4.16	−22 52.9	2.131	3.003	11.5	21.9
5 11	16 57.87	−23 8.3	2.039	2.984	8.3	21.7
5 21	16 49.55	−23 21.0	1.971	2.964	4.7	21.4
5 31	16 39.88	−23 30.3	1.931	2.944	0.8	21.1
6 10	16 29.84	−23 36.2	1.919	2.924	3.5	21.3
6 20	16 20.41	−23 39.6	1.934	2.903	7.4	21.5
6 30	16 12.52	−23 42.4	1.975	2.882	11.1	21.7
7 10	16 6.85	−23 46.8	2.038	2.860	14.2	21.8
65616 4165 T-$_3$			6 1.5 329°.17	2°.0/ 1.6 18		
5 1	17 3.40	−22 55.2	1.057	1.963	17.6	18.0
5 11	16 58.87	−23 52.9	0.985	1.946	13.0	17.7
5 21	16 50.76	−24 51.3	0.932	1.929	7.5	17.3
5 31	16 40.09	−25 46.3	0.902	1.914	2.3	16.9
6 10	16 28.59	−26 34.3	0.893	1.900	5.7	17.1
6 20	16 18.23	−27 13.8	0.907	1.887	11.7	17.4
6 30	16 10.77	−27 46.6	0.940	1.875	17.2	17.6
7 10	16 7.34	−28 16.3	0.989	1.865	21.9	17.9
475214 2005 VW_{37}			6 1.5 188°.18	0°.4/ 1.3 18		
5 1	17 0.89	−20 10.7	2.728	3.597	9.3	21.9
5 11	16 55.01	−20 18.2	2.652	3.596	6.7	21.7
5 21	16 47.73	−20 24.7	2.602	3.595	3.7	21.5
5 31	16 39.64	−20 30.4	2.581	3.594	0.6	21.3
6 10	16 31.42	−20 35.5	2.588	3.592	2.8	21.4
6 20	16 23.76	−20 40.9	2.625	3.591	5.9	21.6
6 30	16 17.29	−20 47.7	2.688	3.589	8.7	21.8
7 10	16 12.45	−20 57.0	2.774	3.586	11.1	22.0
269671 1995 SH_{78}			6 1.5 16°.08	1°.1/ 1.8 17		
5 1	17 3.62	−24 40.6	1.674	2.556	13.5	20.4
5 11	16 57.69	−24 52.4	1.608	2.557	9.8	20.2
5 21	16 49.47	−24 58.9	1.564	2.558	5.5	20.0
5 31	16 39.87	−24 59.4	1.546	2.559	1.4	19.7
6 10	16 30.10	−24 54.3	1.554	2.560	4.0	19.9
6 20	16 21.33	−24 45.7	1.589	2.562	8.3	20.1
6 30	16 14.58	−24 36.6	1.647	2.564	12.3	20.4
7 10	16 10.47	−24 30.0	1.725	2.565	15.6	20.6

159491 2000 *TZ*$_{29}$ 6 1.5 133°.43 0°.3/ 1.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 1	17 4.97	−25 42.8	1.847	2.720	12.8	19.0
5 11	16 58.26	−24 29.2	1.778	2.725	9.2	18.7
5 21	16 49.59	−23 5.4	1.735	2.729	5.1	18.5
5 31	16 39.88	−21 34.5	1.719	2.733	0.7	18.2
6 10	16 30.25	−20 1.7	1.732	2.737	3.9	18.4
6 20	16 21.73	−18 33.0	1.773	2.740	8.1	18.7
6 30	16 15.11	−17 13.9	1.839	2.744	11.8	18.9
7 10	16 10.90	−16 8.0	1.927	2.747	15.0	19.2

58673 1997 *YA*$_{9}$ 6 1.5 170°.98 1°.7/ 1.1 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 5.04	−16 46.2	2.029	2.903	11.9	19.3
5 11	16 58.29	−16 52.8	1.960	2.906	8.5	19.1
5 21	16 49.66	−17 0.9	1.916	2.908	4.8	18.8
5 31	16 39.90	−17 10.9	1.899	2.910	1.8	18.6
6 10	16 30.01	−17 23.2	1.910	2.912	4.0	18.8
6 20	16 20.92	−17 38.5	1.949	2.913	7.8	19.0
6 30	16 13.47	−17 57.6	2.013	2.913	11.2	19.2
7 10	16 8.23	−18 21.0	2.099	2.914	14.1	19.4

496890 2000 *VR*$_{23}$ 6 1.5 261°.55 1°.1/ 1.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 6.13	−21 15.6	1.718	2.597	13.4	21.6
5 11	16 59.64	−20 43.7	1.624	2.573	9.7	21.3
5 21	16 50.68	−20 6.1	1.554	2.548	5.4	21.0
5 31	16 40.07	−19 24.3	1.510	2.523	1.2	20.7
6 10	16 29.00	−18 41.1	1.493	2.496	4.5	20.9
6 20	16 18.72	−18 0.3	1.502	2.469	9.3	21.1
6 30	16 10.35	−17 26.2	1.536	2.442	13.7	21.3
7 10	16 4.69	−17 1.8	1.590	2.413	17.5	21.4

91939 1999 *VY*$_{60}$ 6 1.5 64°.63 4°.2/ 2.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 8.59	−30 11.2	1.712	2.578	14.1	17.7
5 11	17 1.29	−31 19.3	1.660	2.595	10.6	17.5
5 21	16 51.47	−32 18.4	1.631	2.613	6.9	17.4
5 31	16 40.15	−33 4.1	1.628	2.630	4.3	17.2
6 10	16 28.69	−33 34.6	1.652	2.648	5.5	17.4
6 20	16 18.41	−33 50.8	1.703	2.666	8.8	17.6
6 30	16 10.38	−33 56.2	1.777	2.683	12.1	17.8
7 10	16 5.27	−33 55.7	1.872	2.701	15.0	18.1

8243 Devonburr 6 1.5 339°.70 4°.7/ 2.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 4.19	−30 25.9	1.408	2.290	15.6	16.8
5 11	16 58.79	−31 19.1	1.338	2.281	11.8	16.5
5 21	16 50.40	−32 3.0	1.289	2.274	7.8	16.3
5 31	16 40.04	−32 33.3	1.263	2.267	4.8	16.1
6 10	16 29.21	−32 47.8	1.262	2.261	6.2	16.2
6 20	16 19.50	−32 47.7	1.284	2.255	10.1	16.4
6 30	16 12.28	−32 37.3	1.329	2.250	14.3	16.6
7 10	16 8.39	−32 22.5	1.392	2.246	17.9	16.8

113834 2002 *TH*$_{231}$ 6 1.5 310°.95 5°.3/31.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 1.40	− 9 2.9	1.663	2.544	13.7	18.8
5 11	16 56.20	− 8 51.4	1.578	2.521	10.4	18.6
5 21	16 48.75	− 8 48.7	1.515	2.498	7.1	18.3
5 31	16 39.82	− 8 57.8	1.477	2.476	5.3	18.2
6 10	16 30.45	− 9 20.5	1.465	2.454	7.0	18.2
6 20	16 21.76	− 9 57.0	1.478	2.432	10.6	18.3
6 30	16 14.80	−10 46.5	1.513	2.411	14.3	18.5
7 10	16 10.31	−11 47.1	1.568	2.390	17.8	18.7

201537 2003 *QA*$_{71}$ 6 1.5 200°.60 1°.2/ 1.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 3.12	−18 46.7	1.999	2.876	11.9	20.1
5 11	16 57.00	−18 46.8	1.927	2.875	8.5	19.9
5 21	16 48.98	−18 46.7	1.879	2.873	4.7	19.7
5 31	16 39.84	−18 46.7	1.859	2.871	1.3	19.4
6 10	16 30.53	−18 47.8	1.866	2.869	3.8	19.6
6 20	16 22.00	−18 51.2	1.900	2.867	7.7	19.8
6 30	16 15.10	−18 58.3	1.959	2.865	11.2	20.0
7 10	16 10.40	−19 10.1	2.040	2.862	14.2	20.2

505973 2015 *FG*$_{326}$ 6 1.5 141°.18 1°.2/ 1.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 5.47	−24 16.4	2.012	2.882	12.1	21.5
5 11	16 58.71	−24 44.7	1.945	2.888	8.7	21.3
5 21	16 49.94	−25 9.2	1.902	2.894	5.0	21.1
5 31	16 39.96	−25 28.5	1.886	2.899	1.4	20.9
6 10	16 29.82	−25 42.2	1.899	2.904	3.6	21.0
6 20	16 20.55	−25 51.1	1.939	2.908	7.4	21.3
6 30	16 13.02	−25 57.4	2.004	2.913	10.9	21.5
7 10	16 7.83	−26 3.5	2.092	2.917	13.8	21.7

242733 2005 *UL*$_{313}$ 6 1.5 224°.75 5°.4/30.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	16 58.93	− 3 41.0	2.781	3.632	9.7	20.8
5 11	16 53.55	− 3 6.6	2.706	3.623	7.7	20.6
5 21	16 46.92	− 2 39.8	2.656	3.614	6.0	20.5
5 31	16 39.56	− 2 23.4	2.633	3.605	5.4	20.4
6 10	16 32.09	− 2 18.9	2.638	3.595	6.3	20.5
6 20	16 25.12	− 2 27.1	2.670	3.585	8.2	20.6
6 30	16 19.19	− 2 47.6	2.726	3.574	10.3	20.7
7 10	16 14.73	− 3 19.3	2.804	3.563	12.3	20.8

164540 2006 *JR*$_{8}$ 6 1.5 281°.08 0°.7/ 1.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 1	17 2.48	−24 56.3	1.889	2.767	12.4	20.8
5 11	16 56.76	−24 47.3	1.809	2.756	9.0	20.6
5 21	16 48.95	−24 32.1	1.752	2.745	5.1	20.3
5 31	16 39.85	−24 10.8	1.722	2.735	1.1	20.0
6 10	16 30.52	−23 44.8	1.718	2.724	3.7	20.2
6 20	16 22.01	−23 16.9	1.741	2.713	7.8	20.4
6 30	16 15.27	−22 50.4	1.789	2.702	11.6	20.6
7 10	16 10.91	−22 28.4	1.857	2.692	14.9	20.8

214082 2004 *HB*$_{41}$ 6 1.5 49°.37 2°.1/ 2.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 3.50	−26 49.3	1.982	2.853	12.2	20.1
5 11	16 57.37	−27 19.7	1.917	2.859	8.9	19.9
5 21	16 49.23	−27 44.4	1.875	2.865	5.3	19.7
5 31	16 39.89	−28 1.6	1.861	2.871	2.2	19.5
6 10	16 30.39	−28 11.2	1.874	2.877	3.9	19.6
6 20	16 21.77	−28 14.2	1.913	2.883	7.4	19.8
6 30	16 14.91	−28 13.1	1.978	2.889	10.8	20.1
7 10	16 10.39	−28 10.9	2.064	2.896	13.7	20.3

133135 2003 *PG*$_{12}$ 6 1.5 325°.89 6°.3/30.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 0.94	−11 26.3	1.185	2.086	16.5	19.3
5 11	16 56.36	−10 34.1	1.120	2.074	12.4	19.0
5 21	16 49.00	− 9 47.8	1.074	2.063	8.4	18.7
5 31	16 39.88	− 9 13.1	1.051	2.052	6.3	18.6
6 10	16 30.42	− 8 55.0	1.050	2.041	8.6	18.6
6 20	16 22.07	− 8 56.1	1.071	2.032	12.9	18.8
6 30	16 16.07	− 9 17.0	1.112	2.023	17.3	19.1
7 10	16 13.20	− 9 55.4	1.170	2.015	21.2	19.3

310602 2001 *XG*$_{14}$ 6 1.5 260°.76 3°.6/ 2.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 8.11	−30 18.8	1.545	2.416	15.1	20.8
5 11	17 1.50	−30 37.8	1.459	2.398	11.4	20.5
5 21	16 51.90	−30 45.8	1.395	2.380	7.2	20.2
5 31	16 40.28	−30 39.7	1.355	2.362	3.8	20.0
6 10	16 28.10	−30 19.0	1.341	2.343	5.4	20.0
6 20	16 16.92	−29 46.5	1.353	2.323	9.7	20.2
6 30	16 8.14	−29 7.7	1.388	2.304	14.2	20.4
7 10	16 2.63	−28 29.1	1.442	2.283	18.1	20.6

222071 1999 *GR*$_{12}$ 6 1.5 71°.38 6°.1/30.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 1.87	−10 10.9	1.617	2.500	13.9	19.9
5 11	16 56.17	− 8 52.4	1.565	2.508	10.5	19.7
5 21	16 48.51	− 7 39.6	1.536	2.516	7.4	19.6
5 31	16 39.79	− 6 38.1	1.532	2.524	6.1	19.5
6 10	16 31.09	− 5 52.4	1.555	2.533	7.9	19.6
6 20	16 23.43	− 5 25.3	1.601	2.541	11.0	19.8
6 30	16 17.63	− 5 17.2	1.670	2.550	14.2	20.1
7 10	16 14.19	− 5 26.5	1.758	2.558	17.0	20.3

40227 Tahiti 6 1.5 310°.16 2°.5/ 2.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	16 59.79	−29 58.5	2.711	3.570	9.7	18.4
5 11	16 54.51	−30 23.0	2.615	3.549	7.3	18.2
5 21	16 47.62	−30 41.5	2.545	3.528	4.6	18.0
5 31	16 39.69	−30 52.7	2.502	3.506	2.6	17.8
6 10	16 31.48	−30 56.2	2.487	3.486	3.5	17.8
6 20	16 23.75	−30 52.9	2.500	3.465	6.2	18.0
6 30	16 17.23	−30 44.7	2.538	3.444	9.0	18.1
7 10	16 12.50	−30 34.2	2.600	3.424	11.5	18.3

34248 2000 *QE*$_{104}$ 6 1.5 231°.19 3°.6/31.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 0.82	−10 57.5	2.320	3.190	10.7	19.0
5 11	16 55.12	−10 49.5	2.246	3.186	8.0	18.8
5 21	16 47.88	−10 46.6	2.198	3.182	5.2	18.7
5 31	16 39.71	−10 50.4	2.177	3.177	3.6	18.5
6 10	16 31.41	−11 1.8	2.183	3.173	4.9	18.6
6 20	16 23.73	−11 21.2	2.217	3.168	7.7	18.8
6 30	16 17.36	−11 48.5	2.277	3.164	10.6	19.0
7 10	16 12.79	−12 23.1	2.358	3.159	13.2	19.1

467081 2016 *DD*$_{27}$ 6 1.5 113°.94 2°.6/31.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 6.55	−16 11.4	1.470	2.356	14.8	21.5
5 11	16 59.79	−16 4.2	1.415	2.366	10.7	21.3
5 21	16 50.63	−15 59.4	1.382	2.375	6.2	21.1
5 31	16 40.08	−15 58.0	1.374	2.384	2.6	20.9
6 10	16 29.49	−16 1.6	1.392	2.393	5.3	21.0
6 20	16 20.09	−16 11.3	1.436	2.402	9.7	21.3
6 30	16 12.92	−16 28.1	1.502	2.411	13.8	21.6
7 10	16 8.58	−16 52.2	1.588	2.419	17.2	21.8

349214 2007 *RE*$_{308}$ 6 1.5 275°.50 1°.9/31.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 1.64	−18 9.1	1.924	2.806	12.1	21.3
5 11	16 56.07	−17 45.9	1.844	2.794	8.7	21.1
5 21	16 48.54	−17 21.8	1.788	2.781	4.9	20.8
5 31	16 39.82	−16 58.3	1.758	2.769	1.9	20.6
6 10	16 30.86	−16 37.6	1.755	2.756	4.3	20.7
6 20	16 22.65	−16 21.8	1.779	2.744	8.3	20.9
6 30	16 16.06	−16 13.1	1.827	2.731	11.9	21.1
7 10	16 11.69	−16 12.6	1.895	2.719	15.1	21.3

2020	α_{2000}	δ_{2000}	Δ	r	β	V
94324 2001 FB_{127} 6 1.5 100°.54 3°.0/31.3 18 R						
	h m	° ′			°	m
5 1	16 59.12	−12 49.9	2.495	3.368	10.0	19.7
5 11	16 53.75	−12 28.4	2.433	3.375	7.3	19.5
5 21	16 47.05	−12 10.0	2.396	3.383	4.6	19.3
5 31	16 39.60	−11 56.5	2.387	3.390	3.0	19.2
6 10	16 32.13	−11 49.2	2.406	3.397	4.4	19.4
6 20	16 25.28	−11 49.1	2.452	3.404	7.1	19.5
6 30	16 19.66	−11 56.7	2.523	3.411	9.7	19.7
7 10	16 15.68	−12 11.9	2.617	3.417	12.0	19.9
470308 2007 JH_{43} 6 1.5 194°.71 0°.1/ 1.8 15						
5 1	16 41.20	−24 29.4	39.694	40.558	0.7	20.7
5 11	16 40.40	−24 28.9	39.617	40.558	0.5	20.6
5 21	16 39.52	−24 28.2	39.566	40.558	0.3	20.6
5 31	16 38.62	−24 27.3	39.545	40.557	0.1	20.6
6 10	16 37.70	−24 26.2	39.552	40.557	0.2	20.6
6 20	16 36.82	−24 25.1	39.589	40.557	0.4	20.6
6 30	16 35.99	−24 23.9	39.653	40.557	0.7	20.7
7 10	16 35.25	−24 22.9	39.743	40.557	0.9	20.7
131620 2001 XQ_{41} 6 1.5 128°.48 5°.9/ 3.2 17						
5 1	17 10.30	−35 51.8	1.525	2.382	16.0	20.2
5 11	17 2.87	−36 21.3	1.465	2.390	12.4	20.0
5 21	16 52.48	−36 34.1	1.426	2.398	8.7	19.8
5 31	16 40.34	−36 26.1	1.411	2.405	6.1	19.6
6 10	16 28.10	−35 57.4	1.421	2.413	6.8	19.7
6 20	16 17.34	−35 12.1	1.456	2.419	9.9	19.9
6 30	16 9.29	−34 17.6	1.515	2.426	13.5	20.1
7 10	16 4.62	−33 21.4	1.593	2.432	16.8	20.3
424724 2008 SW_{196} 6 1.5 233°.60 2°.1/ 2.0 18						
5 1	17 4.60	−27 3.3	1.922	2.793	12.6	21.2
5 11	16 58.29	−27 25.4	1.847	2.789	9.2	21.0
5 21	16 49.82	−27 41.2	1.796	2.786	5.5	20.7
5 31	16 39.99	−27 49.1	1.772	2.782	2.2	20.5
6 10	16 29.93	−27 49.0	1.775	2.778	4.0	20.6
6 20	16 20.72	−27 42.5	1.804	2.774	7.8	20.9
6 30	16 13.34	−27 32.4	1.858	2.770	11.4	21.1
7 10	16 8.44	−27 22.3	1.934	2.766	14.5	21.3
429949 2012 UO_{46} 6 1.5 322°.48 1°.3/ 1.2 16						
5 1	17 0.66	−19 29.4	1.466	2.361	14.3	20.8
5 11	16 55.99	−19 22.9	1.384	2.340	10.4	20.5
5 21	16 48.78	−19 15.2	1.324	2.321	5.8	20.2
5 31	16 39.89	−19 7.4	1.288	2.301	1.5	19.9
6 10	16 30.56	−19 1.0	1.278	2.283	4.8	20.0
6 20	16 22.07	−18 58.3	1.291	2.265	9.7	20.3
6 30	16 15.62	−19 1.3	1.326	2.248	14.3	20.5
7 10	16 12.01	−19 12.0	1.381	2.232	18.2	20.7
522891 2016 OS_{8} 6 1.5 315°.37 0°.4/ 1.5 17						
5 1	17 2.75	−19 42.5	2.011	2.889	11.8	20.4
5 11	16 56.85	−20 8.6	1.935	2.883	8.5	20.2
5 21	16 48.99	−20 35.1	1.884	2.878	4.7	20.0
5 31	16 39.90	−21 1.1	1.859	2.872	0.7	19.7
6 10	16 30.56	−21 26.5	1.862	2.867	3.5	19.9
6 20	16 21.94	−21 51.3	1.892	2.862	7.5	20.1
6 30	16 14.90	−22 16.2	1.947	2.857	11.1	20.3
7 10	16 10.08	−22 42.5	2.024	2.852	14.1	20.5
404657 2014 HX_{66} 6 1.5 215°.02 1°.1/ 1.1 18						
5 1	17 1.02	−18 32.5	2.583	3.454	9.7	21.5
5 11	16 55.20	−18 25.9	2.503	3.448	7.0	21.3
5 21	16 47.92	−18 18.9	2.449	3.441	3.9	21.1
5 31	16 39.76	−18 12.1	2.423	3.435	1.2	20.9
6 10	16 31.46	−18 6.6	2.426	3.428	3.2	21.0
6 20	16 23.74	−18 3.3	2.457	3.420	6.4	21.2
6 30	16 17.24	−18 3.7	2.514	3.413	9.3	21.4
7 10	16 12.45	−18 8.6	2.595	3.405	11.9	21.6
419690 2010 UW_{21} 6 1.5 224°.01 0°.5/ 1.7 17						
5 1	17 7.03	−23 13.2	1.972	2.842	12.3	21.9
5 11	17 0.02	−23 24.1	1.887	2.831	8.9	21.6
5 21	16 50.80	−23 31.2	1.826	2.819	5.0	21.4
5 31	16 40.16	−23 33.9	1.793	2.807	0.9	21.1
6 10	16 29.19	−23 32.3	1.788	2.793	3.7	21.2
6 20	16 18.98	−23 27.9	1.811	2.780	7.9	21.5
6 30	16 10.54	−23 23.2	1.859	2.765	11.7	21.7
7 10	16 4.55	−23 20.8	1.929	2.749	15.0	21.9
175859 1999 VE_{3} 6 1.5 181°.11 0°.9/ 1.2 17						
5 1	17 5.63	−20 34.9	1.901	2.776	12.5	21.7
5 11	16 58.85	−20 20.8	1.830	2.777	8.9	21.4
5 21	16 50.05	−20 3.9	1.784	2.778	4.9	21.2
5 31	16 40.05	−19 45.2	1.765	2.778	1.0	20.9
6 10	16 29.93	−19 26.3	1.773	2.777	3.9	21.1
6 20	16 20.71	−19 9.4	1.809	2.776	8.0	21.4
6 30	16 13.30	−18 57.0	1.870	2.774	11.7	21.6
7 10	16 8.26	−18 51.0	1.952	2.772	14.8	21.8

2020	α_{2000}	δ_{2000}	Δ	r	β	V
189576 2000 UT_{29} 6 1.5 298°.69 3°.1/ 1.8 17						
	h m	° ′			°	m
5 1	17 6.89	−26 28.2	1.621	2.497	14.2	19.8
5 11	17 0.70	−27 28.9	1.527	2.471	10.6	19.6
5 21	16 51.58	−28 27.2	1.455	2.444	6.5	19.3
5 31	16 40.31	−29 19.0	1.409	2.418	3.2	19.0
6 10	16 28.18	−30 0.9	1.390	2.391	5.2	19.0
6 20	16 16.68	−30 31.9	1.396	2.365	9.7	19.2
6 30	16 7.26	−30 53.7	1.426	2.339	14.1	19.4
7 10	16 0.95	−31 10.3	1.475	2.313	17.9	19.6
468570 2006 YS_{25} 6 1.5 94°.25 2°.0/ 1.2 17						
5 1	17 5.87	−16 7.3	1.646	2.527	13.8	21.3
5 11	16 59.18	−16 23.1	1.589	2.537	9.9	21.1
5 21	16 50.27	−16 42.0	1.554	2.547	5.6	20.8
5 31	16 40.08	−17 3.9	1.546	2.557	2.0	20.6
6 10	16 29.80	−17 28.7	1.565	2.567	4.6	20.8
6 20	16 20.57	−17 56.6	1.610	2.577	8.8	21.1
6 30	16 13.35	−18 27.9	1.679	2.587	12.6	21.3
7 10	16 8.71	−19 2.9	1.768	2.596	15.8	21.6
430286 2013 WX_{64} 6 1.5 247°.05 3°.5/30.8 18						
5 1	17 3.30	−16 7.5	1.978	2.855	12.0	20.9
5 11	16 57.16	−14 55.3	1.895	2.841	8.7	20.7
5 21	16 49.12	−13 40.6	1.836	2.826	5.4	20.4
5 31	16 39.94	−12 27.3	1.805	2.810	3.5	20.3
6 10	16 30.56	−11 20.1	1.802	2.794	5.6	20.4
6 20	16 21.95	−10 23.1	1.827	2.777	9.1	20.5
6 30	16 14.94	− 9 39.6	1.875	2.760	12.6	20.7
7 10	16 10.12	− 9 10.9	1.945	2.743	15.7	20.9
202885 3095 T-$_{2}$ 6 1.5 310°.33 2°.7/ 1.9 17						
5 1	17 4.33	−26 14.0	1.111	2.010	17.5	19.9
5 11	16 59.57	−26 44.2	1.032	1.989	13.0	19.5
5 21	16 51.22	−27 7.8	0.973	1.967	7.8	19.2
5 31	16 40.28	−27 21.3	0.935	1.947	3.0	18.8
6 10	16 28.50	−27 23.5	0.921	1.927	5.8	18.9
6 20	16 17.82	−27 16.0	0.928	1.907	11.6	19.2
6 30	16 10.03	−27 3.9	0.955	1.889	17.2	19.4
7 10	16 6.23	−26 53.0	0.998	1.871	22.0	19.6
471567 2012 QO_{25} 6 1.5 264°.29 3°.0/ 2.5 17						
5 1	17 4.23	−30 18.5	1.895	2.762	12.9	21.6
5 11	16 58.12	−30 27.6	1.817	2.754	9.6	21.3
5 21	16 49.77	−30 26.8	1.762	2.747	6.0	21.1
5 31	16 40.04	−30 14.6	1.733	2.740	3.1	20.9
6 10	16 30.08	−29 51.7	1.731	2.732	4.4	21.0
6 20	16 21.03	−29 20.5	1.755	2.725	8.0	21.2
6 30	16 13.88	−28 45.4	1.804	2.717	11.6	21.4
7 10	16 9.27	−28 10.9	1.874	2.709	14.8	21.6
498453 2008 BH_{31} 6 1.5 200°.18 1°.4/ 1.1 17						
5 1	17 5.62	−19 0.1	1.965	2.839	12.2	22.4
5 11	16 58.84	−18 42.9	1.889	2.835	8.8	22.1
5 21	16 50.06	−18 24.2	1.838	2.831	4.9	21.9
5 31	16 40.08	−18 5.1	1.814	2.826	1.5	21.6
6 10	16 29.92	−17 47.3	1.818	2.820	4.1	21.8
6 20	16 20.59	−17 32.8	1.849	2.814	8.1	22.0
6 30	16 12.98	−17 23.9	1.906	2.806	11.7	22.3
7 10	16 7.67	−17 22.1	1.984	2.798	14.8	22.4
74846 1999 TO_{41} 6 1.5 138°.40 1°.3/ 1.9 18						
5 1	17 6.40	−25 21.7	1.623	2.501	14.1	20.1
5 11	16 59.74	−25 28.6	1.559	2.506	10.2	19.9
5 21	16 50.66	−25 28.9	1.518	2.510	5.8	19.7
5 31	16 40.16	−25 21.7	1.502	2.515	1.6	19.4
6 10	16 29.53	−25 8.1	1.514	2.519	4.1	19.6
6 20	16 20.02	−24 50.7	1.551	2.523	8.6	19.8
6 30	16 12.68	−24 32.9	1.612	2.527	12.6	20.1
7 10	16 8.14	−24 18.5	1.693	2.530	16.0	20.3
93572 2000 UT_{42} 6 1.5 222°.73 1°.7/31.9 18						
5 1	17 3.00	−18 30.8	1.969	2.847	12.0	20.2
5 11	16 56.97	−18 10.5	1.894	2.842	8.6	19.9
5 21	16 49.03	−17 49.2	1.843	2.836	4.9	19.7
5 31	16 39.94	−17 28.1	1.818	2.830	1.7	19.5
6 10	16 30.69	−17 9.2	1.822	2.824	4.2	19.6
6 20	16 22.23	−16 54.6	1.852	2.817	8.0	19.9
6 30	16 15.40	−16 46.3	1.907	2.810	11.6	20.1
7 10	16 10.77	−16 45.5	1.983	2.803	14.7	20.2
191733 2004 RV_{312} 6 1.5 312°.15 5°.8/30.3 17						
5 1	17 0.56	−10 58.9	1.565	2.453	14.0	19.9
5 11	16 55.54	− 9 52.9	1.495	2.442	10.6	19.7
5 21	16 48.36	− 8 50.8	1.447	2.431	7.3	19.5
5 31	16 39.86	− 7 58.1	1.424	2.420	5.8	19.4
6 10	16 31.15	− 7 19.4	1.426	2.410	7.8	19.4
6 20	16 23.33	− 6 57.9	1.453	2.400	11.3	19.6
6 30	16 17.36	− 6 54.9	1.501	2.391	14.9	19.8
7 10	16 13.87	− 7 9.2	1.567	2.382	18.1	20.0

364173 2006 KT_{25} 6 1.5 288°.05 1°.8/31.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 1	17 4.25	−20 16.1	1.433	2.323	14.8	21.2
5 11	16 58.71	−19 41.1	1.344	2.298	10.8	20.9
5 21	16 50.39	−19 0.9	1.276	2.272	6.1	20.6
5 31	16 40.16	−18 17.5	1.233	2.246	1.8	20.2
6 10	16 29.37	−17 34.5	1.216	2.220	5.3	20.4
6 20	16 19.45	−16 56.2	1.223	2.193	10.6	20.6
6 30	16 11.70	−16 27.3	1.252	2.167	15.5	20.8
7 10	16 7.00	−16 10.7	1.299	2.141	19.7	21.0

374419 2005 WB_{69} 6 1.5 160°.68 0°.0/ 1.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 4.88	−24 40.3	2.277	3.143	11.1	20.9
5 11	16 57.99	−24 2.1	2.208	3.150	7.9	20.7
5 21	16 49.43	−23 17.5	2.164	3.157	4.4	20.5
5 31	16 39.99	−22 27.8	2.149	3.162	0.6	20.2
6 10	16 30.56	−21 35.5	2.163	3.167	3.2	20.4
6 20	16 22.01	−20 44.2	2.205	3.172	6.8	20.6
6 30	16 15.04	−19 57.1	2.274	3.175	10.0	20.8
7 10	16 10.12	−19 17.1	2.366	3.179	12.8	21.0

384872 2012 SN_{42} 6 1.5 171°.02 0°.1/ 1.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 2.88	−23 31.3	2.108	2.981	11.5	21.6
5 11	16 56.76	−23 15.8	2.037	2.983	8.2	21.4
5 21	16 48.86	−22 55.4	1.991	2.984	4.6	21.2
5 31	16 39.92	−22 30.9	1.972	2.986	0.6	20.9
6 10	16 30.90	−22 4.0	1.981	2.987	3.3	21.1
6 20	16 22.71	−21 37.0	2.018	2.987	7.1	21.3
6 30	16 16.12	−21 12.7	2.080	2.988	10.5	21.5
7 10	16 11.65	−20 53.6	2.164	2.988	13.4	21.7

491703 2012 US_{112} 6 1.5 158°.41 0°.2/ 1.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 2.60	−23 31.2	2.076	2.951	11.6	21.8
5 11	16 56.60	−23 21.8	2.006	2.953	8.3	21.6
5 21	16 48.78	−23 7.9	1.961	2.955	4.6	21.4
5 31	16 39.92	−22 49.9	1.943	2.956	0.7	21.1
6 10	16 30.96	−22 29.2	1.952	2.958	3.4	21.3
6 20	16 22.83	−22 8.0	1.989	2.959	7.2	21.6
6 30	16 16.31	−21 48.9	2.051	2.961	10.6	21.8
7 10	16 11.94	−21 34.3	2.135	2.962	13.5	22.0

459471 2013 BT_{54} 6 1.5 139°.34 0°.9/ 1.4 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 7.62	−20 25.6	1.343	2.232	15.8	22.0
5 11	17 0.91	−20 23.3	1.284	2.237	11.3	21.8
5 21	16 51.42	−20 18.8	1.246	2.241	6.3	21.5
5 31	16 40.29	−20 12.4	1.232	2.246	1.1	21.2
6 10	16 29.01	−20 5.5	1.244	2.250	4.8	21.4
6 20	16 19.04	−20 0.5	1.281	2.253	9.9	21.7
6 30	16 11.55	−20 0.1	1.340	2.257	14.5	22.0
7 10	16 7.22	−20 6.3	1.417	2.260	18.3	22.3

250093 2002 GC_{67} 6 1.5 294°.79 5°.2/30.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 2.43	−13 57.9	1.379	2.272	15.1	19.7
5 11	16 57.31	−12 51.7	1.298	2.251	11.3	19.4
5 21	16 49.56	−11 45.3	1.239	2.229	7.3	19.1
5 31	16 40.07	−10 44.2	1.204	2.208	5.2	19.0
6 10	16 30.14	− 9 54.0	1.194	2.186	7.7	19.0
6 20	16 21.12	− 9 19.8	1.207	2.165	12.1	19.2
6 30	16 14.23	− 9 4.4	1.241	2.143	16.5	19.4
7 10	16 10.25	− 9 8.2	1.293	2.123	20.4	19.6

324452 2006 TE_{124} 6 1.5 20°.92 0°.3/ 1.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 2.15	−24 32.1	1.187	2.087	16.5	20.1
5 11	16 57.17	−24 7.1	1.134	2.093	11.9	19.8
5 21	16 49.39	−23 33.6	1.102	2.099	6.6	19.5
5 31	16 40.02	−22 53.1	1.093	2.106	1.0	19.2
6 10	16 30.63	−22 9.5	1.107	2.115	4.7	19.5
6 20	16 22.68	−21 27.8	1.145	2.124	10.1	19.8
6 30	16 17.30	−20 52.8	1.204	2.134	14.7	20.1
7 10	16 15.09	−20 28.1	1.281	2.144	18.6	20.4

133618 2003 UZ_{116} 6 1.5 218°.74 2°.2/31.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 1.94	−16 58.4	2.028	2.907	11.7	20.2
5 11	16 56.14	−16 35.5	1.956	2.904	8.4	20.0
5 21	16 48.55	−16 12.7	1.908	2.901	4.9	19.7
5 31	16 39.91	−15 51.9	1.887	2.897	2.2	19.5
6 10	16 31.14	−15 34.9	1.894	2.894	4.3	19.7
6 20	16 23.12	−15 23.5	1.927	2.890	7.9	19.9
6 30	16 16.67	−15 19.3	1.985	2.886	11.3	20.1
7 10	16 12.30	−15 23.2	2.065	2.882	14.2	20.3

430994 2005 XG_{44} 6 1.5 203°.14 0°.5/ 1.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 6.96	−21 38.6	1.906	2.779	12.6	21.5
5 11	17 0.00	−22 16.7	1.831	2.777	9.1	21.2
5 21	16 50.82	−22 54.0	1.781	2.774	5.1	21.0
5 31	16 40.23	−23 28.5	1.758	2.771	0.9	20.7
6 10	16 29.34	−23 59.2	1.763	2.768	3.7	20.9
6 20	16 19.25	−24 26.0	1.795	2.764	7.9	21.1
6 30	16 10.97	−24 50.2	1.853	2.761	11.6	21.4
7 10	16 5.18	−25 13.8	1.933	2.756	14.8	21.6

276968 2004 UZ_{10} 6 1.5 216°.31 2°.2/31.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 1	17 2.69	−17 19.2	2.431	3.301	10.3	21.2
5 11	16 56.44	−16 34.2	2.348	3.292	7.4	21.0
5 21	16 48.64	−15 47.8	2.292	3.282	4.3	20.8
5 31	16 39.93	−15 1.9	2.263	3.272	2.2	20.6
6 10	16 31.09	−14 19.3	2.264	3.261	4.1	20.7
6 20	16 22.89	−13 42.6	2.293	3.249	7.3	20.9
6 30	16 16.03	−13 13.9	2.349	3.236	10.3	21.1
7 10	16 10.99	−12 54.5	2.426	3.223	13.0	21.2

508673 2017 UE_{12} 6 1.5 254°.00 1°.5/ 1.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 6.11	−26 12.0	1.870	2.741	12.8	21.9
5 11	16 59.58	−26 17.2	1.780	2.723	9.4	21.7
5 21	16 50.68	−26 15.7	1.714	2.705	5.5	21.4
5 31	16 40.23	−26 6.3	1.674	2.685	1.7	21.1
6 10	16 29.37	−25 49.7	1.661	2.666	4.0	21.2
6 20	16 19.28	−25 27.9	1.675	2.646	8.2	21.4
6 30	16 11.06	−25 4.5	1.714	2.625	12.2	21.6
7 10	16 5.43	−24 43.5	1.774	2.604	15.7	21.8

375894 2009 VL_{85} 6 1.5 231°.86 0°.0/ 1.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 4.91	−21 48.3	1.935	2.811	12.3	21.5
5 11	16 58.50	−21 57.0	1.856	2.802	8.9	21.3
5 21	16 49.98	−22 3.3	1.800	2.794	4.9	21.0
5 31	16 40.12	−22 6.8	1.771	2.785	0.7	20.7
6 10	16 29.99	−22 7.8	1.770	2.775	3.7	20.9
6 20	16 20.64	−22 7.8	1.796	2.765	7.8	21.1
6 30	16 13.02	−22 8.8	1.847	2.755	11.6	21.3
7 10	16 7.77	−22 12.9	1.919	2.745	14.8	21.5

120721 1997 SP_{13} 6 1.5 210°.98 0°.7/ 1.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 5.15	−25 4.5	2.249	3.115	11.2	21.3
5 11	16 58.41	−24 53.2	2.166	3.108	8.1	21.1
5 21	16 49.81	−24 36.0	2.108	3.099	4.6	20.9
5 31	16 40.09	−24 12.9	2.078	3.091	1.0	20.6
6 10	16 30.20	−23 45.2	2.076	3.081	3.3	20.8
6 20	16 21.05	−23 15.4	2.103	3.071	7.0	21.0
6 30	16 13.48	−22 46.5	2.155	3.060	10.4	21.2
7 10	16 8.03	−22 21.5	2.231	3.048	13.3	21.3

497100 2004 BQ_{143} 6 1.5 183°.57 0°.8/ 1.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 5.77	−20 36.1	1.896	2.771	12.5	22.4
5 11	16 59.00	−20 26.9	1.825	2.772	9.0	22.2
5 21	16 50.19	−20 15.3	1.778	2.772	5.0	22.0
5 31	16 40.15	−20 1.7	1.758	2.771	1.0	21.7
6 10	16 29.97	−19 47.7	1.766	2.770	3.9	21.9
6 20	16 20.69	−19 35.2	1.801	2.769	8.0	22.2
6 30	16 13.21	−19 26.6	1.861	2.766	11.7	22.4
7 10	16 8.11	−19 23.8	1.943	2.764	14.9	22.6

505397 2013 QZ_{23} 6 1.5 346°.51 1°.2/ 1.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 0.58	−19 56.3	1.119	2.027	16.7	21.0
5 11	16 56.37	−19 54.1	1.056	2.018	12.1	20.7
5 21	16 49.17	−19 50.6	1.012	2.010	6.7	20.3
5 31	16 40.04	−19 46.8	0.990	2.003	1.4	20.0
6 10	16 30.55	−19 44.4	0.991	1.998	5.3	20.2
6 20	16 22.29	−19 45.6	1.014	1.993	10.9	20.5
6 30	16 16.61	−19 53.0	1.057	1.990	16.0	20.8
7 10	16 14.31	−20 8.0	1.117	1.988	20.3	21.0

165080 2000 GU_{21} 6 1.5 63°.31 0°.8/ 1.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 2.67	−24 38.5	1.918	2.796	12.3	20.1
5 11	16 56.79	−24 38.1	1.853	2.800	8.8	19.9
5 21	16 48.95	−24 32.3	1.812	2.805	5.0	19.6
5 31	16 39.98	−24 21.3	1.797	2.810	1.1	19.4
6 10	16 30.93	−24 6.0	1.809	2.815	3.5	19.6
6 20	16 22.78	−23 48.7	1.848	2.820	7.5	19.8
6 30	16 16.39	−23 32.2	1.912	2.825	11.0	20.1
7 10	16 12.30	−23 19.2	1.997	2.831	14.1	20.3

371623 2006 YQ_{34} 6 1.5 65°.26 2°.0/ 1.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 5.59	−26 15.7	1.567	2.448	14.4	20.7
5 11	16 59.28	−26 36.3	1.507	2.454	10.5	20.5
5 21	16 50.48	−26 50.0	1.468	2.460	6.1	20.3
5 31	16 40.20	−26 55.3	1.455	2.466	2.2	20.0
6 10	16 29.78	−26 52.3	1.468	2.473	4.3	20.2
6 20	16 20.52	−26 43.3	1.506	2.479	8.7	20.5
6 30	16 13.47	−26 31.7	1.568	2.486	12.7	20.7
7 10	16 9.28	−26 21.4	1.649	2.492	16.1	20.9

56467 2000 GP_{103} 6 1.5 357°.79 1°.6/ 1.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 4.44	−23 51.7	1.084	1.986	17.6	18.7
5 11	16 59.31	−24 22.5	1.025	1.984	12.8	18.4
5 21	16 50.86	−24 49.0	0.986	1.982	7.3	18.1
5 31	16 40.29	−25 8.5	0.968	1.981	1.9	17.7
6 10	16 29.35	−25 20.5	0.974	1.981	5.3	18.0
6 20	16 19.83	−25 26.6	1.002	1.982	10.9	18.3
6 30	16 13.21	−25 30.5	1.050	1.983	16.1	18.6
7 10	16 10.31	−25 36.1	1.115	1.985	20.3	18.8

208068 1999 VK_{48} 6 1.5 198°.53 0°.1/ 1.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 1	17 3.60	−24 45.4	2.317	3.184	10.8	20.9
5 11	16 57.17	−24 9.5	2.238	3.181	7.8	20.7
5 21	16 49.07	−23 27.1	2.185	3.178	4.3	20.5
5 31	16 40.02	−22 39.3	2.160	3.174	0.6	20.2
6 10	16 30.90	−21 48.5	2.164	3.169	3.2	20.4
6 20	16 22.55	−20 58.1	2.197	3.164	6.8	20.6
6 30	16 15.71	−20 11.4	2.255	3.159	10.0	20.8
7 10	16 10.87	−19 31.2	2.337	3.153	12.8	21.0

413781 2006 HY_{27} 6 1.5 149°.97 3°.4/31.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 6.12	−14 5.4	1.527	2.410	14.5	21.0
5 11	16 59.53	−13 55.6	1.466	2.414	10.6	20.8
5 21	16 50.58	−13 50.1	1.427	2.418	6.4	20.6
5 31	16 40.23	−13 50.6	1.414	2.421	3.5	20.4
6 10	16 29.75	−13 58.5	1.426	2.424	5.7	20.6
6 20	16 20.34	−14 14.6	1.464	2.427	9.9	20.8
6 30	16 13.04	−14 39.3	1.525	2.430	13.8	21.0
7 10	16 8.47	−15 12.2	1.606	2.432	17.2	21.3

510860 2013 CF_{85} 6 1.5 64°.40 0°.8/ 1.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 0.79	−20 19.3	2.160	3.038	11.1	21.7
5 11	16 55.20	−20 9.1	2.099	3.047	7.9	21.5
5 21	16 47.99	−19 57.1	2.063	3.057	4.3	21.3
5 31	16 39.87	−19 44.3	2.053	3.066	0.9	21.0
6 10	16 31.73	−19 31.9	2.071	3.076	3.4	21.3
6 20	16 24.37	−19 21.6	2.117	3.085	6.9	21.5
6 30	16 18.50	−19 15.1	2.188	3.095	10.1	21.7
7 10	16 14.58	−19 13.6	2.281	3.105	12.8	21.9

507525 2012 VV_{91} 6 1.5 90°.18 0°.2/ 1.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 3.65	−20 27.2	2.120	2.993	11.4	21.0
5 11	16 57.30	−20 48.6	2.058	3.004	8.1	20.8
5 21	16 49.18	−21 9.1	2.021	3.015	4.5	20.6
5 31	16 40.04	−21 28.1	2.012	3.026	0.6	20.3
6 10	16 30.81	−21 45.5	2.031	3.036	3.3	20.6
6 20	16 22.39	−22 1.8	2.078	3.047	7.0	20.8
6 30	16 15.55	−22 18.3	2.150	3.057	10.3	21.0
7 10	16 10.82	−22 36.1	2.245	3.068	13.1	21.3

137397 1999 TH_{165} 6 1.5 144°.10 2°.5/ 2.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 8.10	−29 21.4	1.880	2.743	13.2	20.7
5 11	17 0.71	−29 24.6	1.817	2.754	9.7	20.5
5 21	16 51.12	−29 18.0	1.777	2.763	5.9	20.3
5 31	16 40.30	−29 0.6	1.764	2.773	2.7	20.1
6 10	16 29.45	−28 33.5	1.779	2.781	4.1	20.2
6 20	16 19.71	−27 59.7	1.821	2.789	7.8	20.5
6 30	16 12.01	−27 23.8	1.888	2.797	11.4	20.7
7 10	16 6.92	−26 50.0	1.976	2.803	14.4	20.9

40544 1999 RA_{108} 6 1.5 172°.38 6°.1/29.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 1.32	− 7 36.3	1.956	2.827	12.4	19.1
5 11	16 55.64	− 6 29.8	1.895	2.828	9.5	18.9
5 21	16 48.26	− 5 30.0	1.857	2.829	7.1	18.7
5 31	16 39.92	− 4 41.3	1.846	2.830	6.1	18.7
6 10	16 31.51	− 4 7.4	1.861	2.831	7.5	18.8
6 20	16 23.91	− 3 50.1	1.902	2.831	10.2	18.9
6 30	16 17.85	− 3 49.9	1.965	2.831	13.0	19.1
7 10	16 13.82	− 4 5.2	2.049	2.831	15.5	19.3

156487 2002 CU_{85} 6 1.5 327°.01 0°.1/ 1.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 3.00	−22 0.9	1.618	2.504	13.7	19.9
5 11	16 57.38	−21 59.1	1.548	2.500	9.8	19.7
5 21	16 49.45	−21 53.9	1.500	2.496	5.5	19.4
5 31	16 40.09	−21 45.5	1.478	2.492	0.7	19.1
6 10	16 30.51	−21 35.2	1.482	2.488	4.1	19.3
6 20	16 21.90	−21 25.2	1.511	2.484	8.7	19.6
6 30	16 15.28	−21 18.0	1.564	2.481	12.8	19.8
7 10	16 11.31	−21 16.1	1.637	2.478	16.3	20.0

259814 2004 BT_{109} 6 1.5 115°.20 0°.7/ 1.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 6.17	−20 41.9	1.695	2.574	13.5	21.2
5 11	16 59.35	−20 35.2	1.638	2.587	9.6	21.0
5 21	16 50.37	−20 26.1	1.605	2.600	5.3	20.7
5 31	16 40.20	−20 15.1	1.599	2.612	1.0	20.5
6 10	16 30.03	−20 3.7	1.619	2.624	4.1	20.7
6 20	16 20.96	−19 54.0	1.666	2.635	8.3	21.0
6 30	16 13.90	−19 48.4	1.737	2.647	12.2	21.2
7 10	16 9.41	−19 48.5	1.829	2.657	15.4	21.5

5106 Mortensen 6 1.5 261°.59 1°.1/ 1.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 2.05	−18 12.1	2.279	3.153	10.7	17.2
5 11	16 56.20	−18 20.7	2.196	3.142	7.7	16.9
5 21	16 48.63	−18 30.0	2.138	3.131	4.3	16.7
5 31	16 39.99	−18 40.1	2.107	3.119	1.2	16.5
6 10	16 31.10	−18 51.3	2.104	3.108	3.5	16.6
6 20	16 22.80	−19 4.4	2.130	3.096	7.0	16.8
6 30	16 15.89	−19 20.3	2.181	3.084	10.3	17.0
7 10	16 10.91	−19 39.7	2.254	3.072	13.2	17.2

523003 2016 PL_{121} 6 1.5 210°.00 4°.3/ 3.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 1	17 4.40	−35 5.6	2.281	3.127	11.8	21.5
5 11	16 58.02	−35 25.3	2.204	3.125	9.1	21.3
5 21	16 49.66	−35 33.5	2.152	3.122	6.4	21.1
5 31	16 40.12	−35 28.3	2.125	3.120	4.4	21.0
6 10	16 30.41	−35 9.7	2.126	3.117	4.9	21.0
6 20	16 21.53	−34 39.8	2.154	3.114	7.4	21.2
6 30	16 14.35	−34 2.5	2.208	3.111	10.2	21.3
7 10	16 9.45	−33 22.4	2.283	3.108	12.8	21.5

519214 2010 TP_{81} 6 1.5 295°.17 3°.9/ 2.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 3.26	−32 44.1	2.184	3.040	11.8	21.1
5 11	16 57.36	−33 15.4	2.099	3.028	9.1	20.9
5 21	16 49.39	−33 37.6	2.039	3.016	6.1	20.7
5 31	16 40.10	−33 48.2	2.005	3.004	4.0	20.6
6 10	16 30.49	−33 46.5	1.998	2.992	4.8	20.6
6 20	16 21.60	−33 33.9	2.018	2.980	7.6	20.7
6 30	16 14.37	−33 13.6	2.062	2.969	10.7	20.9
7 10	16 9.46	−32 49.7	2.129	2.957	13.5	21.1

407712 2011 UE_{251} 6 1.5 233°.63 2°.7/31.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 5.42	−17 53.4	1.511	2.397	14.5	21.7
5 11	16 59.19	−17 13.8	1.438	2.390	10.5	21.4
5 21	16 50.48	−16 32.3	1.388	2.382	6.1	21.2
5 31	16 40.24	−15 51.7	1.364	2.374	2.7	20.9
6 10	16 29.77	−15 15.6	1.365	2.366	5.5	21.1
6 20	16 20.32	−14 47.7	1.392	2.357	10.1	21.3
6 30	16 13.00	−14 30.8	1.441	2.348	14.4	21.6
7 10	16 8.49	−14 26.2	1.510	2.338	18.0	21.8

382450 2000 OT_{30} 6 1.5 273°.81 2°.4/ 2.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 6.55	−30 14.5	2.015	2.875	12.5	20.5
5 11	16 59.90	−30 0.4	1.909	2.844	9.4	20.2
5 21	16 50.90	−29 34.7	1.827	2.813	5.8	19.9
5 31	16 40.32	−28 56.4	1.772	2.781	2.6	19.6
6 10	16 29.28	−28 6.4	1.745	2.748	4.1	19.7
6 20	16 18.96	−27 8.1	1.746	2.715	8.1	19.8
6 30	16 10.43	−26 6.8	1.772	2.681	12.0	20.0
7 10	16 4.45	−25 8.2	1.820	2.646	15.5	20.2

351974 2006 UH_{56} 6 1.5 157°.97 4°.1/ 3.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 4.34	−35 8.7	2.276	3.123	11.8	20.8
5 11	16 57.91	−35 18.1	2.204	3.125	9.1	20.6
5 21	16 49.56	−35 15.6	2.156	3.127	6.3	20.4
5 31	16 40.11	−34 59.5	2.134	3.129	4.2	20.3
6 10	16 30.57	−34 30.4	2.139	3.131	4.8	20.3
6 20	16 21.92	−33 51.0	2.172	3.133	7.2	20.5
6 30	16 14.98	−33 5.4	2.230	3.135	10.1	20.7
7 10	16 10.31	−32 18.4	2.310	3.136	12.6	20.8

437624 2014 BJ_{26} 6 1.5 185°.69 2°.1/31.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 2.59	−16 42.6	2.025	2.903	11.7	21.4
5 11	16 56.62	−16 30.7	1.956	2.903	8.4	21.2
5 21	16 48.85	−16 19.8	1.911	2.903	4.9	20.9
5 31	16 40.02	−16 11.0	1.892	2.902	2.1	20.7
6 10	16 31.07	−16 5.8	1.901	2.902	4.2	20.9
6 20	16 22.88	−16 5.4	1.938	2.901	7.8	21.1
6 30	16 16.27	−16 11.1	1.999	2.900	11.2	21.3
7 10	16 11.77	−16 23.6	2.081	2.899	14.1	21.5

424162 2007 HL_{14} 6 1.5 349°.90 0°.3/ 1.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 2.52	−23 10.8	1.511	2.400	14.3	20.9
5 11	16 57.17	−23 10.9	1.444	2.397	10.3	20.7
5 21	16 49.38	−23 6.3	1.399	2.394	5.7	20.4
5 31	16 40.10	−22 57.1	1.378	2.392	0.9	20.0
6 10	16 30.62	−22 44.6	1.383	2.390	4.2	20.3
6 20	16 22.17	−22 31.2	1.413	2.389	8.9	20.5
6 30	16 15.84	−22 20.1	1.466	2.388	13.2	20.8
7 10	16 12.30	−22 13.9	1.539	2.387	16.8	21.0

290651 2005 UB_{284} 6 1.5 286°.13 2°.2/31.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	16 59.89	−16 29.4	2.218	3.097	10.8	20.6
5 11	16 54.62	−16 6.5	2.141	3.088	7.8	20.4
5 21	16 47.74	−15 44.2	2.087	3.079	4.6	20.1
5 31	16 39.87	−15 24.0	2.061	3.070	2.2	20.0
6 10	16 31.86	−15 7.7	2.063	3.062	4.1	20.1
6 20	16 24.48	−14 57.1	2.091	3.053	7.5	20.3
6 30	16 18.47	−14 53.5	2.145	3.044	10.6	20.4
7 10	16 14.35	−14 57.6	2.220	3.036	13.4	20.6

461480 2002 RQ_{252} 6 1.5 318°.56 7°.1/ 3.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 7.12	−36 54.8	1.425	2.287	16.6	20.7
5 11	17 1.10	−37 39.4	1.354	2.280	13.2	20.4
5 21	16 51.84	−38 7.2	1.304	2.274	9.7	20.2
5 31	16 40.46	−38 12.6	1.276	2.267	7.3	20.0
6 10	16 28.67	−37 54.1	1.273	2.261	7.9	20.1
6 20	16 18.20	−37 14.9	1.293	2.256	10.9	20.2
6 30	16 10.50	−36 22.1	1.335	2.250	14.7	20.4
7 10	16 6.40	−35 24.4	1.396	2.245	18.1	20.6

455300 2002 EV_{10} 6 1.5 6.°24 10.°8/ 3.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 1	17 2.39	−39 51.4	0.960	1.844	20.9	20.1
5 11	16 58.67	−41 9.1	0.910	1.843	17.2	19.8
5 21	16 50.83	−42 1.8	0.878	1.845	13.5	19.6
5 31	16 40.33	−42 20.7	0.864	1.848	11.1	19.5
6 10	16 29.48	−42 3.0	0.869	1.853	11.4	19.5
6 20	16 20.57	−41 13.8	0.894	1.859	14.2	19.7
6 30	16 15.38	−40 4.0	0.937	1.867	17.8	19.9
7 10	16 14.65	−38 46.1	0.995	1.877	21.3	20.2

276971 2004 VL_{21} 6 1.5 262.°96 1.°9/ 1.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 6.61	−25 26.3	1.956	2.825	12.5	20.7
5 11	16 59.96	−26 6.3	1.867	2.808	9.1	20.4
5 21	16 50.95	−26 42.9	1.801	2.791	5.4	20.1
5 31	16 40.35	−27 13.6	1.762	2.773	2.1	19.9
6 10	16 29.24	−27 37.2	1.752	2.755	4.0	20.0
6 20	16 18.80	−27 53.7	1.768	2.737	8.0	20.2
6 30	16 10.11	−28 5.1	1.810	2.718	11.8	20.4
7 10	16 3.95	−28 14.4	1.874	2.699	15.1	20.6

374878 2006 VU_{137} 6 1.5 307.°84 0.°4/ 1.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 3.37	−21 14.1	1.325	2.221	15.5	21.0
5 11	16 58.42	−21 18.6	1.236	2.192	11.3	20.7
5 21	16 50.46	−21 21.0	1.167	2.164	6.4	20.3
5 31	16 40.31	−21 20.8	1.122	2.135	0.9	19.8
6 10	16 29.40	−21 19.0	1.101	2.107	5.0	20.0
6 20	16 19.28	−21 17.4	1.103	2.080	10.6	20.3
6 30	16 11.46	−21 19.2	1.127	2.053	15.9	20.5
7 10	16 6.96	−21 27.2	1.169	2.026	20.4	20.7

121846 2000 CJ_{14} 6 1.5 339.°66 0.°5/ 1.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 3.42	−23 5.2	1.119	2.021	17.1	19.0
5 11	16 58.41	−22 34.9	1.056	2.016	12.4	18.7
5 21	16 50.29	−21 56.5	1.014	2.011	6.9	18.4
5 31	16 40.25	−21 12.0	0.993	2.007	1.0	18.0
6 10	16 29.97	−20 25.7	0.996	2.003	5.3	18.2
6 20	16 21.08	−19 42.8	1.022	2.000	11.0	18.5
6 30	16 14.92	−19 8.9	1.068	1.997	16.2	18.8
7 10	16 12.22	−18 47.4	1.131	1.996	20.5	19.1

148186 2000 BG 6 1.5 169.°08 0.°3/ 1.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 6.00	−21 34.4	1.889	2.764	12.6	21.6
5 11	16 59.19	−21 29.4	1.821	2.768	9.0	21.4
5 21	16 50.32	−21 21.2	1.777	2.771	5.0	21.2
5 31	16 40.24	−21 10.2	1.760	2.773	0.7	20.9
6 10	16 30.05	−20 57.6	1.771	2.775	3.7	21.1
6 20	16 20.79	−20 45.5	1.808	2.777	7.9	21.4
6 30	16 13.35	−20 36.2	1.871	2.778	11.6	21.6
7 10	16 8.32	−20 31.8	1.955	2.778	14.7	21.8

392589 2011 SG_{200} 6 1.5 192.°96 5.°5/ 3.4 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 5.71	−38 6.3	2.235	3.070	12.3	21.7
5 11	16 59.10	−38 39.9	2.161	3.070	9.8	21.5
5 21	16 50.33	−39 0.3	2.110	3.069	7.3	21.4
5 31	16 40.25	−39 4.5	2.085	3.068	5.6	21.3
6 10	16 29.97	−38 52.1	2.087	3.067	6.0	21.3
6 20	16 20.58	−38 24.9	2.115	3.066	8.1	21.4
6 30	16 13.03	−37 47.3	2.169	3.065	10.7	21.6
7 10	16 7.95	−37 4.5	2.244	3.064	13.2	21.8

204541 2005 EF_{170} 6 1.5 327.°68 1.°4/ 1.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 1.28	−18 45.4	1.682	2.570	13.1	19.6
5 11	16 56.12	−18 44.2	1.607	2.560	9.5	19.4
5 21	16 48.77	−18 42.9	1.555	2.550	5.3	19.1
5 31	16 40.05	−18 42.4	1.528	2.541	1.5	18.8
6 10	16 31.06	−18 43.8	1.528	2.532	4.3	19.0
6 20	16 22.89	−18 48.3	1.552	2.524	8.7	19.3
6 30	16 16.54	−18 57.6	1.600	2.516	12.7	19.5
7 10	16 12.67	−19 12.7	1.669	2.508	16.1	19.7

462524 2008 YC_{95} 6 1.5 18.°93 4.°0/ 2.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 3.71	−31 44.7	1.067	1.961	18.4	20.0
5 11	16 58.74	−31 34.2	1.014	1.966	13.8	19.7
5 21	16 50.47	−31 5.3	0.981	1.971	8.7	19.4
5 31	16 40.28	−30 17.1	0.969	1.977	4.4	19.2
6 10	16 30.08	−29 13.2	0.979	1.985	5.9	19.3
6 20	16 21.60	−28 1.2	1.012	1.993	10.8	19.6
6 30	16 16.16	−26 50.1	1.065	2.002	15.6	19.9
7 10	16 14.37	−25 47.4	1.136	2.012	19.7	20.2

171795 2001 DX_{15} 6 1.5 174.°95 0.°4/ 1.7 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 7.50	−23 4.0	1.976	2.845	12.3	21.2
5 11	17 0.24	−23 10.7	1.905	2.848	8.9	21.0
5 21	16 50.91	−23 13.5	1.858	2.851	4.9	20.7
5 31	16 40.34	−23 11.8	1.839	2.853	0.8	20.4
6 10	16 29.62	−23 6.3	1.849	2.854	3.6	20.7
6 20	16 19.80	−22 58.7	1.886	2.854	7.6	20.9
6 30	16 11.79	−22 51.5	1.948	2.853	11.3	21.1
7 10	16 6.20	−22 47.3	2.032	2.852	14.3	21.3

322998 2002 OC_{35} 6 1.5 290.°49 6.°1/30.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 1	17 2.68	− 9 57.4	1.476	2.362	14.8	21.3
5 11	16 57.21	− 9 9.3	1.408	2.354	11.2	21.1
5 21	16 49.40	− 8 27.8	1.363	2.346	7.7	20.9
5 31	16 40.15	− 7 57.6	1.341	2.338	6.1	20.8
6 10	16 30.66	− 7 42.6	1.344	2.330	7.9	20.8
6 20	16 22.12	− 7 44.6	1.371	2.322	11.6	21.0
6 30	16 15.58	− 8 3.8	1.420	2.314	15.3	21.2
7 10	16 11.71	− 8 38.5	1.487	2.307	18.7	21.4

274435 2008 SR_{37} 6 1.6 322.°17 2.°3/ 2.0 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 1.67	−26 21.0	1.331	2.225	15.5	20.3
5 11	16 57.26	−26 42.7	1.243	2.197	11.5	20.0
5 21	16 49.83	−26 57.9	1.176	2.170	6.9	19.6
5 31	16 40.25	−27 4.3	1.132	2.144	2.6	19.3
6 10	16 29.93	−27 1.3	1.112	2.118	5.1	19.4
6 20	16 20.48	−26 50.7	1.115	2.093	10.3	19.6
6 30	16 13.39	−26 36.6	1.139	2.070	15.3	19.8
7 10	16 9.67	−26 23.9	1.181	2.047	19.7	20.0

275876 2001 ST_{292} 6 1.6 54.°42 1.°7/ 2.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 4.87	−26 35.1	1.524	2.406	14.6	19.7
5 11	16 58.79	−26 37.9	1.464	2.413	10.6	19.5
5 21	16 50.24	−26 32.6	1.427	2.419	6.1	19.3
5 31	16 40.26	−26 18.4	1.414	2.426	2.0	19.0
6 10	16 30.19	−25 56.7	1.427	2.433	4.3	19.2
6 20	16 21.33	−25 30.7	1.466	2.440	8.7	19.5
6 30	16 14.71	−25 4.8	1.527	2.448	12.8	19.7
7 10	16 10.95	−24 42.7	1.609	2.455	16.3	20.0

222522 2001 TR_{166} 6 1.6 148.°11 1.°7/ 2.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 5.72	−29 22.3	1.824	2.692	13.3	19.8
5 11	16 59.04	−28 44.5	1.756	2.696	9.7	19.6
5 21	16 50.22	−27 54.8	1.711	2.700	5.7	19.4
5 31	16 40.25	−26 54.1	1.692	2.703	2.0	19.1
6 10	16 30.29	−25 45.7	1.702	2.707	3.8	19.3
6 20	16 21.44	−24 34.6	1.738	2.710	7.9	19.5
6 30	16 14.61	−23 26.5	1.800	2.713	11.6	19.8
7 10	16 10.31	−22 26.0	1.883	2.715	14.8	20.0

131666 2001 XC_{167} 6 1.6 160.°32 1.°6/ 1.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 7.22	−17 49.9	1.501	2.385	14.7	19.4
5 11	17 0.47	−17 55.8	1.438	2.388	10.6	19.1
5 21	16 51.20	−18 3.0	1.396	2.391	6.0	18.9
5 31	16 40.40	−18 11.5	1.381	2.393	1.8	18.6
6 10	16 29.41	−18 22.0	1.391	2.395	4.8	18.8
6 20	16 19.52	−18 35.6	1.427	2.397	9.4	19.1
6 30	16 11.85	−18 53.5	1.487	2.398	13.7	19.3
7 10	16 7.05	−19 16.7	1.566	2.399	17.3	19.6

242751 2005 VQ_{88} 6 1.6 261.°75 1.°9/31.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 0.33	−16 43.9	2.459	3.332	10.1	21.0
5 11	16 54.87	−16 28.0	2.373	3.318	7.3	20.8
5 21	16 47.88	−16 12.6	2.312	3.303	4.2	20.6
5 31	16 39.95	−15 58.8	2.279	3.289	1.9	20.4
6 10	16 31.83	−15 48.0	2.274	3.274	3.7	20.5
6 20	16 24.25	−15 41.6	2.297	3.258	6.9	20.7
6 30	16 17.91	−15 40.8	2.346	3.243	10.0	20.9
7 10	16 13.31	−15 46.5	2.417	3.227	12.6	21.0

238757 2005 JB_{15} 6 1.6 238.°39 0.°7/ 1.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 2.92	−24 11.2	2.053	2.927	11.7	20.5
5 11	16 56.99	−24 13.4	1.978	2.924	8.5	20.3
5 21	16 49.13	−24 10.9	1.927	2.920	4.8	20.1
5 31	16 40.12	−24 3.6	1.902	2.915	1.0	19.8
6 10	16 30.94	−23 52.5	1.906	2.911	3.4	20.0
6 20	16 22.53	−23 39.2	1.936	2.907	7.3	20.2
6 30	16 15.75	−23 26.3	1.991	2.902	10.8	20.4
7 10	16 11.17	−23 16.4	2.069	2.898	13.8	20.6

493524 2015 FN_{38} 6 1.6 157.°22 3.°9/31.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 1.97	−12 33.0	2.081	2.955	11.6	21.4
5 11	16 56.07	−11 49.2	2.017	2.959	8.5	21.2
5 21	16 48.51	−11 8.5	1.978	2.963	5.5	21.0
5 31	16 40.04	−10 33.8	1.966	2.966	3.9	20.9
6 10	16 31.51	−10 7.8	1.981	2.969	5.5	21.0
6 20	16 23.77	− 9 52.3	2.023	2.972	8.5	21.2
6 30	16 17.52	− 9 48.2	2.090	2.975	11.5	21.4
7 10	16 13.26	− 9 55.3	2.177	2.977	14.2	21.6

290769 2005 UQ_{517} 6 1.6 241.°67 4.°6/30.6 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	16 59.28	− 8 31.1	2.427	3.294	10.4	21.2
5 11	16 54.04	− 7 52.3	2.354	3.288	7.9	21.0
5 21	16 47.38	− 7 19.0	2.306	3.281	5.7	20.8
5 31	16 39.89	− 6 53.8	2.285	3.275	4.6	20.8
6 10	16 32.30	− 6 38.8	2.292	3.268	5.8	20.8
6 20	16 25.28	− 6 35.3	2.325	3.261	8.2	21.0
6 30	16 19.48	− 6 43.5	2.383	3.254	10.8	21.1
7 10	16 15.34	− 7 2.8	2.462	3.247	13.1	21.3

17622 1995 WW_2 6 1.6 242°86 1°8/31.7 18 R

2020	α_{2000} (h m)	δ_{2000} (° ′)	Δ	r	β (°)	V (m)
5 1	17 0.39	−17 42.6	2.525	3.397	9.9	18.7
5 11	16 54.85	−17 9.2	2.440	3.386	7.1	18.5
5 21	16 47.84	−16 34.6	2.382	3.374	4.1	18.3
5 31	16 39.96	−16 0.6	2.351	3.361	1.9	18.1
6 10	16 31.94	−15 29.2	2.350	3.349	3.7	18.2
6 20	16 24.49	−15 2.6	2.376	3.336	6.8	18.4
6 30	16 18.27	−14 42.5	2.428	3.322	9.8	18.6
7 10	16 13.75	−14 30.2	2.503	3.309	12.4	18.7

61177 2000 NJ_{23} 6 1.6 169°13 3°9/ 2.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 9.53	−32 27.9	1.721	2.580	14.4	19.2
5 11	17 2.10	−32 40.6	1.652	2.584	10.8	19.0
5 21	16 52.08	−32 40.4	1.606	2.587	7.1	18.8
5 31	16 40.55	−32 25.0	1.586	2.589	4.2	18.6
6 10	16 28.87	−31 54.8	1.593	2.591	5.2	18.7
6 20	16 18.40	−31 13.5	1.626	2.593	8.7	18.9
6 30	16 10.24	−30 26.7	1.683	2.594	12.4	19.1
7 10	16 5.04	−29 40.5	1.761	2.594	15.7	19.4

468519 2005 TT_{174} 6 1.6 239°34 2°4/ 2.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 2.60	−31 18.3	2.626	3.479	10.2	21.2
5 11	16 56.52	−31 13.3	2.537	3.467	7.6	21.0
5 21	16 48.80	−30 59.5	2.473	3.455	4.8	20.8
5 31	16 40.10	−30 36.3	2.437	3.442	2.6	20.6
6 10	16 31.24	−30 4.4	2.429	3.429	3.5	20.6
6 20	16 23.03	−29 26.2	2.450	3.416	6.2	20.8
6 30	16 16.19	−28 44.7	2.497	3.402	9.1	21.0
7 10	16 11.24	−28 3.6	2.567	3.388	11.7	21.1

471361 2011 SL_{32} 6 1.6 206°92 3°7/ 3.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 4.15	−34 34.4	2.611	3.453	10.6	22.0
5 11	16 57.69	−34 54.0	2.530	3.449	8.2	21.9
5 21	16 49.47	−35 3.8	2.474	3.444	5.6	21.7
5 31	16 40.20	−35 1.9	2.445	3.439	3.9	21.6
6 10	16 30.74	−34 48.4	2.443	3.434	4.4	21.6
6 20	16 21.99	−34 24.9	2.470	3.428	6.7	21.7
6 30	16 14.70	−33 54.6	2.523	3.422	9.3	21.9
7 10	16 9.43	−33 21.3	2.599	3.416	11.6	22.1

243288 2008 CA_{193} 6 1.6 315°94 6°6/30.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	16 59.19	− 5 1.6	1.968	2.837	12.4	20.1
5 11	16 54.28	− 4 19.6	1.895	2.825	9.8	19.9
5 21	16 47.64	− 3 46.9	1.846	2.813	7.5	19.7
5 31	16 39.95	− 3 27.4	1.822	2.802	6.6	19.6
6 10	16 32.08	− 3 23.8	1.823	2.791	7.8	19.7
6 20	16 24.87	− 3 37.1	1.850	2.780	10.4	19.8
6 30	16 19.10	− 4 6.6	1.899	2.769	13.1	20.0
7 10	16 15.32	− 4 50.2	1.967	2.759	15.7	20.1

113008 2002 RQ_{39} 6 1.6 326°85 1°7/ 1.2 16 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 0.54	−18 35.1	1.509	2.403	14.0	19.3
5 11	16 55.88	−18 27.6	1.430	2.385	10.2	19.0
5 21	16 48.79	−18 19.9	1.373	2.369	5.8	18.7
5 31	16 40.13	−18 13.3	1.340	2.352	1.8	18.4
6 10	16 31.07	−18 9.3	1.332	2.337	4.8	18.6
6 20	16 22.87	−18 9.9	1.349	2.322	9.5	18.8
6 30	16 16.62	−18 16.8	1.388	2.308	13.9	19.0
7 10	16 13.09	−18 31.4	1.446	2.295	17.7	19.2

166190 2002 EL_{91} 6 1.6 142°87 0°4/ 1.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 7.49	−21 18.6	1.667	2.545	13.8	20.2
5 11	17 0.43	−21 15.6	1.606	2.554	9.9	20.0
5 21	16 51.08	−21 9.5	1.568	2.562	5.4	19.8
5 31	16 40.42	−21 0.6	1.556	2.570	0.8	19.4
6 10	16 29.69	−20 50.2	1.572	2.577	4.1	19.7
6 20	16 20.07	−20 40.5	1.614	2.584	8.5	20.0
6 30	16 12.53	−20 33.9	1.680	2.590	12.5	20.2
7 10	16 7.67	−20 32.8	1.767	2.596	15.8	20.5

509388 2007 CD_{25} 6 1.6 141°65 7°4/29.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	16 59.43	+ 3 22.5	2.676	3.503	10.8	21.2
5 11	16 53.95	+ 3 58.3	2.621	3.509	9.1	21.1
5 21	16 47.26	+ 4 21.4	2.590	3.515	7.8	21.0
5 31	16 39.90	+ 4 29.1	2.584	3.521	7.4	21.0
6 10	16 32.52	+ 4 20.1	2.605	3.527	8.1	21.1
6 20	16 25.71	+ 3 54.4	2.651	3.532	9.5	21.2
6 30	16 20.02	+ 3 13.6	2.720	3.537	11.2	21.3
7 10	16 15.85	+ 2 20.2	2.810	3.542	12.8	21.4

329948 2005 QK_{39} 6 1.6 266°31 0°4/ 1.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 5.14	−21 38.9	1.816	2.694	12.8	21.3
5 11	16 58.95	−21 31.8	1.724	2.672	9.3	21.0
5 21	16 50.44	−21 21.2	1.656	2.650	5.2	20.7
5 31	16 40.37	−21 7.3	1.614	2.628	0.8	20.4
6 10	16 29.86	−20 51.3	1.599	2.605	4.0	20.6
6 20	16 20.07	−20 35.6	1.611	2.581	8.5	20.8
6 30	16 12.08	−20 23.0	1.648	2.557	12.7	21.0
7 10	16 6.62	−20 16.0	1.705	2.533	16.3	21.2

391093 2005 UO_{310} 6 1.6 309°48 0°6/ 1.7 18

2020	α_{2000} (h m)	δ_{2000} (° ′)	Δ	r	β (°)	V (m)
5 1	17 1.69	−23 10.4	2.075	2.951	11.5	20.8
5 11	16 56.16	−23 24.5	1.995	2.942	8.3	20.6
5 21	16 48.74	−23 35.7	1.939	2.932	4.7	20.4
5 31	16 40.12	−23 43.4	1.910	2.923	0.9	20.1
6 10	16 31.25	−23 47.8	1.908	2.914	3.4	20.3
6 20	16 23.07	−23 50.0	1.933	2.905	7.2	20.5
6 30	16 16.43	−23 51.9	1.984	2.896	10.7	20.7
7 10	16 11.96	−23 55.5	2.056	2.888	13.8	20.9

231276 2006 AL_{85} 6 1.6 157°17 1°1/ 2.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 4.94	−26 40.2	2.194	3.059	11.4	21.2
5 11	16 58.23	−26 25.3	2.125	3.065	8.3	21.0
5 21	16 49.73	−26 3.1	2.081	3.071	4.7	20.8
5 31	16 40.24	−25 34.1	2.065	3.077	1.3	20.6
6 10	16 30.73	−24 59.8	2.077	3.082	3.3	20.8
6 20	16 22.08	−24 23.0	2.117	3.086	6.9	21.0
6 30	16 15.08	−23 47.1	2.183	3.090	10.1	21.2
7 10	16 10.24	−23 15.3	2.272	3.094	13.0	21.4

153615 2001 TM_{11} 6 1.6 219°72 0°6/ 1.4 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 3.86	−22 5.5	1.721	2.603	13.2	19.6
5 11	16 57.87	−21 41.6	1.652	2.602	9.5	19.4
5 21	16 49.70	−21 13.1	1.605	2.600	5.2	19.1
5 31	16 40.25	−20 41.1	1.584	2.598	0.9	18.8
6 10	16 30.67	−20 8.2	1.590	2.596	4.0	19.0
6 20	16 22.05	−19 37.5	1.623	2.593	8.4	19.3
6 30	16 15.35	−19 12.2	1.679	2.591	12.4	19.5
7 10	16 11.15	−18 54.9	1.756	2.589	15.7	19.7

305520 2008 FU_{18} 6 1.6 149°55 0°0/ 1.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 1.36	−22 37.6	2.549	3.418	9.9	22.1
5 11	16 55.49	−22 29.5	2.480	3.424	7.1	22.0
5 21	16 48.17	−22 18.2	2.436	3.429	3.9	21.8
5 31	16 40.04	−22 4.2	2.420	3.434	0.5	21.5
6 10	16 31.84	−21 48.6	2.434	3.439	2.8	21.7
6 20	16 24.31	−21 32.9	2.475	3.443	6.1	21.9
6 30	16 18.08	−21 19.1	2.543	3.447	9.0	22.1
7 10	16 13.61	−21 8.8	2.633	3.451	11.5	22.3

98323 2000 SB_{270} 6 1.6 181°26 1°4/ 1.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 8.47	−24 31.0	1.696	2.570	13.8	19.6
5 11	17 1.34	−24 56.8	1.626	2.571	10.0	19.4
5 21	16 51.72	−25 18.1	1.580	2.572	5.7	19.1
5 31	16 40.56	−25 32.9	1.559	2.572	1.6	18.8
6 10	16 29.13	−25 40.8	1.566	2.571	4.1	19.0
6 20	16 18.72	−25 43.3	1.600	2.570	8.5	19.3
6 30	16 10.42	−25 43.1	1.657	2.569	12.5	19.5
7 10	16 4.93	−25 43.6	1.736	2.567	16.0	19.7

37454 4636 P–L 6 1.6 96°20 5°6/ 3.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 5.63	−38 37.2	2.342	3.174	12.0	18.8
5 11	16 59.00	−39 20.4	2.274	3.179	9.6	18.6
5 21	16 50.30	−39 50.9	2.230	3.185	7.2	18.5
5 31	16 40.35	−40 5.6	2.211	3.190	5.7	18.4
6 10	16 30.22	−40 3.7	2.220	3.196	6.0	18.4
6 20	16 20.95	−39 46.9	2.255	3.201	7.9	18.6
6 30	16 13.45	−39 18.9	2.315	3.206	10.3	18.7
7 10	16 8.34	−38 44.7	2.396	3.212	12.6	18.9

297183 2010 WL_{53} 6 1.6 290°83 1°3/ 1.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 5.40	−26 9.0	1.471	2.355	14.9	21.1
5 11	16 59.74	−25 58.0	1.377	2.327	11.0	20.8
5 21	16 51.15	−25 37.5	1.305	2.298	6.4	20.5
5 31	16 40.52	−25 6.7	1.257	2.270	1.7	20.1
6 10	16 29.23	−24 27.0	1.234	2.241	4.6	20.2
6 20	16 18.79	−23 42.3	1.236	2.212	9.9	20.4
6 30	16 10.60	−22 58.4	1.261	2.182	14.9	20.6
7 10	16 5.59	−22 20.8	1.305	2.153	19.2	20.8

123103 2000 SJ_{347} 6 1.6 276°68 6°8/ 4.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 7.55	−40 36.1	1.806	2.642	14.8	19.2
5 11	17 0.96	−40 48.6	1.723	2.630	12.0	19.0
5 21	16 51.61	−40 41.9	1.661	2.618	9.1	18.8
5 31	16 40.55	−40 12.3	1.624	2.606	7.0	18.7
6 10	16 29.23	−39 19.7	1.612	2.594	7.3	18.6
6 20	16 19.09	−38 7.9	1.625	2.581	9.6	18.7
6 30	16 11.32	−36 44.4	1.662	2.569	12.8	18.9
7 10	16 6.64	−35 17.6	1.721	2.557	15.9	19.1

262349 2006 TQ_{66} 6 1.6 187°52 0°7/ 1.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 4.96	−22 18.1	1.652	2.534	13.7	20.7
5 11	16 58.69	−21 44.6	1.584	2.534	9.8	20.5
5 21	16 50.18	−21 5.6	1.539	2.534	5.4	20.2
5 31	16 40.35	−20 22.7	1.520	2.533	1.0	19.9
6 10	16 30.41	−19 39.1	1.527	2.532	4.2	20.1
6 20	16 21.52	−18 58.5	1.561	2.531	8.7	20.4
6 30	16 14.66	−18 24.8	1.619	2.530	12.8	20.6
7 10	16 10.41	−18 0.6	1.697	2.529	16.2	20.8

2020	α_{2000}	δ_{2000}	Δ	r	β	V
28364 1999 GN_7			6	1.6 284.°33	5.°3/30.1	18
	h m	° ′			°	m
5 1	17 0.00	− 9 15.4	2.092	2.965	11.6	18.4
5 11	16 54.84	− 8 16.4	2.009	2.947	8.9	18.2
5 21	16 47.97	− 7 21.5	1.951	2.928	6.4	18.0
5 31	16 40.05	− 6 34.8	1.920	2.910	5.3	17.9
6 10	16 31.91	− 5 59.9	1.915	2.891	6.8	17.9
6 20	16 24.39	− 5 39.0	1.936	2.872	9.6	18.1
6 30	16 18.24	− 5 33.4	1.980	2.854	12.6	18.2
7 10	16 14.03	− 5 42.6	2.045	2.835	15.3	18.4
435812 2008 WS_1			6	1.6 182.°12	0.°2/ 1.7	18
5 1	17 4.45	−22 31.1	2.436	3.301	10.4	22.4
5 11	16 57.83	−22 41.3	2.360	3.302	7.5	22.2
5 21	16 49.54	−22 48.7	2.310	3.303	4.2	22.0
5 31	16 40.26	−22 53.1	2.289	3.302	0.6	21.7
6 10	16 30.84	−22 54.8	2.297	3.301	3.0	21.9
6 20	16 22.09	−22 54.9	2.333	3.300	6.4	22.1
6 30	16 14.74	−22 54.9	2.395	3.298	9.5	22.3
7 10	16 9.32	−22 56.8	2.481	3.296	12.2	22.5
353697 2011 UZ_{359}			6	1.6 225.°60	1.°3/31.9	16
5 1	17 0.66	−19 41.9	2.329	3.205	10.5	21.1
5 11	16 55.12	−19 10.0	2.254	3.201	7.5	20.9
5 21	16 48.04	−18 35.8	2.204	3.198	4.2	20.7
5 31	16 40.05	−18 0.9	2.182	3.194	1.4	20.5
6 10	16 31.98	−17 27.6	2.188	3.190	3.5	20.7
6 20	16 24.58	−16 57.9	2.221	3.185	6.9	20.9
6 30	16 18.54	−16 34.3	2.280	3.181	10.0	21.1
7 10	16 14.34	−16 18.1	2.361	3.177	12.7	21.2
95992 2004 NF_8			6	1.6 254.°92	7.°6/29.9	18
5 1	17 2.72	− 2 16.1	1.995	2.850	12.8	20.9
5 11	16 56.84	− 1 31.0	1.916	2.834	10.4	20.7
5 21	16 49.11	− 0 57.1	1.860	2.816	8.3	20.6
5 31	16 40.22	− 0 38.5	1.830	2.799	7.6	20.5
6 10	16 31.05	− 0 38.2	1.826	2.781	8.8	20.5
6 20	16 22.53	− 0 57.1	1.846	2.762	11.2	20.6
6 30	16 15.49	− 1 34.4	1.889	2.744	13.9	20.8
7 10	16 10.52	− 2 27.3	1.952	2.724	16.5	20.9
405843 2006 BT_{227}			6	1.6 147.°54	1.°4/ 1.2	17
5 1	17 7.16	−19 39.0	1.539	2.422	14.5	21.5
5 11	17 0.34	−19 22.2	1.478	2.428	10.4	21.2
5 21	16 51.11	−19 3.4	1.440	2.434	5.8	21.0
5 31	16 40.48	−18 43.9	1.427	2.440	1.5	20.7
6 10	16 29.78	−18 25.6	1.441	2.445	4.6	20.9
6 20	16 20.24	−18 11.2	1.481	2.450	9.2	21.2
6 30	16 12.88	−18 3.3	1.544	2.454	13.4	21.5
7 10	16 8.32	−18 3.5	1.627	2.458	16.8	21.7
205714 2002 AR_{74}			6	1.6 38.°92	3.°7/ 2.5	17
5 1	17 6.08	−29 50.2	1.153	2.043	17.7	19.8
5 11	17 0.29	−30 5.3	1.103	2.053	13.1	19.5
5 21	16 51.32	−30 6.7	1.073	2.063	8.1	19.3
5 31	16 40.52	−29 52.5	1.065	2.073	4.0	19.1
6 10	16 29.68	−29 24.0	1.080	2.085	5.7	19.2
6 20	16 20.50	−28 46.0	1.119	2.097	10.4	19.5
6 30	16 14.25	−28 5.5	1.179	2.109	14.9	19.8
7 10	16 11.55	−27 28.5	1.257	2.122	18.8	20.1
463397 2013 GU_{41}			6	1.6 286.°77	0.°9/ 1.8	17
5 1	17 6.18	−23 51.2	1.351	2.240	15.7	21.3
5 11	17 0.45	−24 1.3	1.266	2.219	11.5	20.9
5 21	16 51.63	−24 6.3	1.202	2.197	6.6	20.6
5 31	16 40.62	−24 5.0	1.161	2.174	1.4	20.2
6 10	16 28.92	−23 57.6	1.145	2.152	4.8	20.4
6 20	16 18.14	−23 46.3	1.154	2.130	10.4	20.6
6 30	16 9.78	−23 35.0	1.184	2.108	15.5	20.8
7 10	16 4.80	−23 28.2	1.233	2.085	19.9	21.0
81119 2000 EW_{125}			6	1.6 163.°62	1.°1/ 1.3	17 R
5 1	17 5.76	−19 35.2	1.991	2.864	12.1	20.0
5 11	16 58.94	−19 25.2	1.924	2.869	8.7	19.8
5 21	16 50.21	−19 13.7	1.881	2.874	4.8	19.6
5 31	16 40.37	−19 1.3	1.866	2.879	1.2	19.3
6 10	16 30.45	−18 49.5	1.879	2.882	3.8	19.5
6 20	16 21.40	−18 40.1	1.919	2.885	7.7	19.8
6 30	16 14.07	−18 35.0	1.985	2.888	11.2	20.0
7 10	16 8.99	−18 35.6	2.072	2.890	14.2	20.2
430293 2013 WG_{75}			6	1.6 37.°74	0.°6/ 1.3	17
5 1	17 2.89	−24 31.6	1.528	2.415	14.3	20.4
5 11	16 57.18	−23 25.2	1.472	2.425	10.2	20.2
5 21	16 49.28	−22 9.7	1.439	2.435	5.6	20.0
5 31	16 40.24	−20 49.0	1.432	2.446	0.9	19.7
6 10	16 31.30	−19 28.4	1.452	2.457	4.3	19.9
6 20	16 23.59	−18 13.9	1.496	2.468	8.9	20.2
6 30	16 17.98	−17 10.7	1.565	2.480	12.9	20.5
7 10	16 14.98	−16 21.5	1.654	2.493	16.3	20.8

2020	α_{2000}	δ_{2000}	Δ	r	β	V
374272 2005 NS_6			6	1.6 276.°28	2.°2/ 2.4	18
	h m	° ′			°	m
5 1	17 6.23	−29 1.0	1.752	2.622	13.6	21.3
5 11	16 59.97	−28 49.9	1.655	2.596	10.2	21.0
5 21	16 51.12	−28 27.6	1.581	2.570	6.2	20.7
5 31	16 40.54	−27 53.0	1.533	2.543	2.5	20.4
6 10	16 29.46	−27 7.2	1.511	2.516	4.3	20.5
6 20	16 19.21	−26 14.0	1.516	2.488	8.8	20.7
6 30	16 10.97	−25 18.9	1.545	2.460	13.1	20.9
7 10	16 5.54	−24 27.6	1.595	2.431	16.9	21.0
396443 2014 EN_{51}			6	1.6 3.°40	7.°7/30.7	16
5 1	16 58.15	− 4 23.7	1.570	2.450	14.4	19.7
5 11	16 53.79	− 3 45.1	1.515	2.450	11.4	19.5
5 21	16 47.47	− 3 19.5	1.481	2.450	8.8	19.4
5 31	16 40.00	− 3 11.3	1.470	2.452	7.7	19.3
6 10	16 32.43	− 3 22.7	1.483	2.454	8.9	19.4
6 20	16 25.76	− 3 53.8	1.520	2.458	11.6	19.6
6 30	16 20.82	− 4 42.6	1.578	2.463	14.6	19.8
7 10	16 18.18	− 5 45.5	1.654	2.468	17.3	20.0
257600 1999 RT_{75}			6	1.6 315.°38	3.°2/31.6	17
5 1	17 0.86	−18 37.2	1.186	2.090	16.2	20.5
5 11	16 56.75	−17 47.2	1.100	2.061	11.9	20.2
5 21	16 49.62	−16 51.8	1.035	2.032	7.0	19.8
5 31	16 40.35	−15 54.9	0.993	2.003	3.2	19.5
6 10	16 30.40	−15 2.0	0.973	1.976	6.6	19.6
6 20	16 21.37	−14 19.1	0.975	1.948	12.2	19.8
6 30	16 14.73	−13 51.3	0.998	1.922	17.6	20.0
7 10	16 11.46	−13 41.1	1.036	1.897	22.2	20.2
67941 2000 WX_{143}			6	1.6 250.°37	2.°1/ 2.2	18
5 1	17 7.66	−27 55.2	1.759	2.628	13.6	19.7
5 11	17 0.93	−27 59.9	1.670	2.611	10.1	19.4
5 21	16 51.62	−27 55.8	1.604	2.593	6.1	19.2
5 31	16 40.61	−27 41.3	1.563	2.574	2.4	18.9
6 10	16 29.15	−27 17.0	1.550	2.554	4.3	19.0
6 20	16 18.55	−26 45.4	1.563	2.534	8.7	19.2
6 30	16 9.99	−26 11.1	1.601	2.513	12.8	19.4
7 10	16 4.26	−25 39.1	1.659	2.492	16.5	19.6
115361 2003 SL_{250}			6	1.6 225.°97	2.°9/ 2.4	18
5 1	17 8.69	−29 36.3	1.938	2.798	12.9	20.4
5 11	17 1.48	−29 57.0	1.852	2.787	9.7	20.2
5 21	16 51.85	−30 9.1	1.790	2.775	6.1	20.0
5 31	16 40.64	−30 10.2	1.755	2.762	3.1	19.7
6 10	16 29.04	−29 59.9	1.747	2.748	4.5	19.8
6 20	16 18.29	−29 40.2	1.767	2.733	8.2	20.0
6 30	16 9.49	−29 14.9	1.811	2.718	11.9	20.2
7 10	16 3.35	−28 48.8	1.877	2.702	15.2	20.4
182787 2002 AE_8			6	1.6 163.°68	0.°6/ 1.9	18
5 1	17 1.64	−25 11.6	2.575	3.441	9.9	21.0
5 11	16 55.73	−25 1.2	2.503	3.445	7.1	20.8
5 21	16 48.35	−24 45.8	2.456	3.448	4.0	20.6
5 31	16 40.14	−24 25.7	2.437	3.450	0.9	20.4
6 10	16 31.86	−24 2.2	2.448	3.453	2.8	20.5
6 20	16 24.25	−23 37.1	2.486	3.455	6.0	20.7
6 30	16 17.97	−23 12.9	2.551	3.457	8.9	20.9
7 10	16 13.46	−22 51.7	2.639	3.458	11.4	21.1
160034 1998 RS_{39}			6	1.6 285.°16	0.°3/ 1.5	18
5 1	17 4.01	−21 35.5	1.982	2.858	12.0	20.1
5 11	16 58.10	−21 33.0	1.881	2.828	8.7	19.8
5 21	16 50.00	−21 27.7	1.803	2.797	4.9	19.5
5 31	16 40.41	−21 19.4	1.752	2.766	0.7	19.2
6 10	16 30.31	−21 9.3	1.729	2.734	3.8	19.3
6 20	16 20.77	−20 58.9	1.733	2.702	8.1	19.5
6 30	16 12.82	−20 50.8	1.762	2.670	12.1	19.7
7 10	16 7.20	−20 47.3	1.811	2.638	15.6	19.8
140995 2001 WS_{27}			6	1.6 260.°56	1.°3/ 1.2	18
5 1	17 1.31	−19 0.3	2.227	3.103	10.9	20.4
5 11	16 55.74	−18 47.4	2.146	3.093	7.8	20.2
5 21	16 48.47	−18 33.3	2.090	3.083	4.4	19.9
5 31	16 40.17	−18 19.2	2.061	3.073	1.3	19.7
6 10	16 31.68	−18 6.4	2.060	3.063	3.6	19.8
6 20	16 23.83	−17 56.6	2.087	3.053	7.2	20.0
6 30	16 17.39	−17 51.4	2.138	3.042	10.5	20.2
7 10	16 12.89	−17 52.0	2.212	3.032	13.3	20.4
429176 2009 VV_{80}			6	1.6 231.°22	2.°6/31.6	17
5 1	17 3.68	−16 24.9	2.056	2.931	11.7	22.2
5 11	16 57.52	−15 50.6	1.974	2.920	8.5	22.0
5 21	16 49.49	−15 16.0	1.917	2.908	5.0	21.8
5 31	16 40.32	−14 43.2	1.887	2.896	2.6	21.6
6 10	16 30.95	−14 14.8	1.885	2.883	4.7	21.7
6 20	16 22.28	−13 53.2	1.911	2.869	8.3	21.9
6 30	16 15.16	−13 40.2	1.961	2.856	11.7	22.1
7 10	16 10.17	−13 37.0	2.032	2.841	14.7	22.2

2020	α_{2000}	δ_{2000}	Δ	r	β	V
98433 2000 UP_{37} 6 1.6 155°.88 2°.7/31.7 17						
	h m	° ′			°	m
5 1	17 5.17	−17 54.5	1.542	2.428	14.3	19.4
5 11	16 58.90	−17 7.6	1.480	2.431	10.3	19.1
5 21	16 50.32	−16 18.9	1.440	2.434	5.9	18.9
5 31	16 40.44	−15 31.8	1.426	2.436	2.8	18.7
6 10	16 30.48	−14 50.1	1.439	2.439	5.4	18.9
6 20	16 21.63	−14 17.4	1.476	2.441	9.7	19.1
6 30	16 14.87	−13 56.4	1.537	2.442	13.7	19.4
7 10	16 10.77	−13 48.1	1.617	2.444	17.1	19.6
499498 2010 MB_{98} 6 1.6 316°.68 5°.0/ 2.3 17						
5 1	17 4.67	−30 20.1	1.207	2.096	17.1	20.6
5 11	16 59.84	−31 8.2	1.128	2.076	13.1	20.3
5 21	16 51.51	−31 46.6	1.068	2.056	8.6	20.0
5 31	16 40.66	−32 10.1	1.031	2.037	5.2	19.7
6 10	16 29.01	−32 15.9	1.017	2.018	6.7	19.8
6 20	16 18.44	−32 5.4	1.025	2.000	11.4	20.0
6 30	16 10.68	−31 43.9	1.053	1.983	16.3	20.2
7 10	16 6.82	−31 18.7	1.099	1.967	20.7	20.4
254287 2004 RA_{225} 6 1.6 266°.12 2°.2/31.7 18						
5 1	16 59.92	−15 56.8	2.488	3.362	10.0	21.0
5 11	16 54.61	−15 34.4	2.402	3.347	7.2	20.8
5 21	16 47.81	−15 12.7	2.342	3.332	4.3	20.5
5 31	16 40.10	−14 53.2	2.309	3.318	2.2	20.4
6 10	16 32.20	−14 37.4	2.305	3.302	3.9	20.5
6 20	16 24.84	−14 26.9	2.328	3.287	7.0	20.6
6 30	16 18.69	−14 23.1	2.377	3.272	9.9	20.8
7 10	16 14.24	−14 26.5	2.448	3.256	12.5	21.0
467614 2008 CS_{16} 6 1.6 92°.60 1°.3/ 1.2 16						
5 1	17 5.77	−19 49.8	1.561	2.445	14.2	21.8
5 11	16 59.24	−19 33.7	1.508	2.459	10.1	21.6
5 21	16 50.46	−19 15.6	1.478	2.473	5.6	21.4
5 31	16 40.46	−18 56.9	1.473	2.486	1.4	21.1
6 10	16 30.47	−18 39.6	1.495	2.499	4.4	21.4
6 20	16 21.67	−18 26.2	1.542	2.512	8.8	21.6
6 30	16 14.98	−18 19.0	1.613	2.525	12.8	21.9
7 10	16 10.96	−18 19.3	1.704	2.537	16.1	22.2
522925 2016 PS_{110} 6 1.6 144°.04 3°.4/ 2.6 17						
5 1	17 4.62	−31 49.8	2.314	3.167	11.4	21.4
5 11	16 58.17	−32 18.6	2.243	3.171	8.6	21.2
5 21	16 49.84	−32 38.6	2.197	3.175	5.6	21.1
5 31	16 40.38	−32 48.1	2.178	3.179	3.5	20.9
6 10	16 30.76	−32 46.6	2.187	3.182	4.3	21.0
6 20	16 21.93	−32 35.8	2.223	3.186	7.0	21.2
6 30	16 14.71	−32 18.5	2.285	3.189	9.9	21.4
7 10	16 9.67	−31 58.6	2.369	3.192	12.5	21.5
314112 2005 EY_{90} 6 1.6 120°.12 4°.4/ 2.9 17						
5 1	17 8.54	−32 49.9	1.556	2.422	15.3	21.0
5 11	17 1.61	−33 7.2	1.494	2.428	11.6	20.8
5 21	16 51.94	−33 10.6	1.454	2.435	7.6	20.6
5 31	16 40.67	−32 57.5	1.439	2.441	4.6	20.4
6 10	16 29.30	−32 28.4	1.449	2.447	5.6	20.5
6 20	16 19.26	−31 47.3	1.484	2.453	9.2	20.7
6 30	16 11.70	−31 0.3	1.543	2.459	13.0	21.0
7 10	16 7.26	−30 13.8	1.622	2.464	16.4	21.2
56742 2000 NB_{25} 6 1.6 251°.36 3°.1/ 2.9 18						
5 1	17 3.52	−32 35.2	2.334	3.187	11.3	18.9
5 11	16 57.41	−32 36.1	2.248	3.176	8.5	18.7
5 21	16 49.44	−32 26.7	2.186	3.165	5.6	18.5
5 31	16 40.33	−32 5.9	2.151	3.154	3.3	18.3
6 10	16 31.03	−31 34.3	2.145	3.143	4.1	18.3
6 20	16 22.47	−30 54.4	2.165	3.131	6.9	18.5
6 30	16 15.49	−30 10.0	2.212	3.120	10.0	18.6
7 10	16 10.66	−29 25.4	2.281	3.108	12.7	18.8
142498 2002 TY_{31} 6 1.6 204°.78 3°.0/31.6 17						
5 1	17 4.06	−16 19.8	1.730	2.612	13.2	20.3
5 11	16 57.97	−15 39.5	1.661	2.610	9.6	20.1
5 21	16 49.80	−14 59.2	1.616	2.607	5.7	19.9
5 31	16 40.39	−14 21.6	1.596	2.605	3.0	19.7
6 10	16 30.84	−13 50.1	1.604	2.602	5.3	19.8
6 20	16 22.22	−13 27.2	1.637	2.598	9.2	20.1
6 30	16 15.43	−13 15.1	1.694	2.594	12.9	20.3
7 10	16 11.06	−13 14.5	1.771	2.591	16.2	20.5
249581 1995 SX_{87} 6 1.6 125°.76 0°.1/ 1.6 17						
5 1	17 7.07	−22 57.3	1.757	2.632	13.3	21.7
5 11	17 0.06	−22 53.0	1.699	2.645	9.5	21.5
5 21	16 50.89	−22 44.1	1.664	2.657	5.3	21.3
5 31	16 40.53	−22 30.9	1.656	2.669	0.8	21.0
6 10	16 30.16	−22 14.8	1.675	2.681	3.8	21.2
6 20	16 20.88	−21 58.2	1.721	2.692	8.0	21.5
6 30	16 13.61	−21 43.9	1.792	2.702	11.8	21.7
7 10	16 8.89	−21 34.5	1.884	2.712	15.0	22.0

2020	α_{2000}	δ_{2000}	Δ	r	β	V
373838 2003 BG_{30} 6 1.6 82°.41 7°.0/ 4.6 17						
	h m	° ′			°	m
5 1	17 9.69	−40 52.8	1.656	2.494	15.8	20.5
5 11	17 2.37	−41 4.8	1.599	2.507	12.7	20.4
5 21	16 52.29	−40 55.8	1.564	2.520	9.6	20.2
5 31	16 40.72	−40 22.7	1.552	2.533	7.3	20.1
6 10	16 29.25	−39 26.7	1.565	2.546	7.4	20.1
6 20	16 19.34	−38 13.2	1.603	2.560	9.7	20.3
6 30	16 12.07	−36 50.4	1.665	2.572	12.7	20.5
7 10	16 7.99	−35 26.6	1.748	2.585	15.6	20.7
219076 1998 DG_{23} 6 1.6 131°.57 2°.8/ 2.7 18						
5 1	17 7.22	−31 1.8	2.142	2.997	12.1	21.0
5 11	16 59.96	−31 7.2	2.080	3.011	9.0	20.8
5 21	16 50.77	−31 2.6	2.043	3.025	5.7	20.6
5 31	16 40.52	−30 47.0	2.033	3.038	3.0	20.5
6 10	16 30.28	−30 21.3	2.051	3.051	4.0	20.5
6 20	16 21.03	−29 48.3	2.096	3.063	7.1	20.8
6 30	16 13.61	−29 12.0	2.168	3.074	10.2	21.0
7 10	16 8.52	−28 36.4	2.262	3.085	13.0	21.2
490313 2009 BQ_{43} 6 1.6 41°.21 22°.3/ 4.7 17						
5 1	17 9.82	+21 8.2	0.976	1.777	26.8	21.1
5 11	17 2.91	+21 51.0	0.942	1.783	24.9	21.0
5 21	16 52.75	+21 42.0	0.921	1.790	23.3	20.9
5 31	16 40.80	+20 31.6	0.914	1.798	22.4	20.9
6 10	16 28.95	+18 19.0	0.923	1.806	22.4	20.9
6 20	16 18.89	+15 13.3	0.949	1.814	23.4	21.0
6 30	16 11.89	+11 29.4	0.991	1.823	25.1	21.1
7 10	16 8.57	+ 7 25.2	1.049	1.832	27.0	21.3
438601 2007 VH_{102} 6 1.6 228°.26 0°.2/ 1.5 16						
5 1	17 2.47	−21 48.5	2.247	3.120	10.9	21.7
5 11	16 56.58	−21 45.8	2.169	3.114	7.8	21.5
5 21	16 48.96	−21 40.3	2.115	3.108	4.3	21.3
5 31	16 40.29	−21 32.5	2.089	3.102	0.6	21.0
6 10	16 31.45	−21 23.1	2.090	3.096	3.2	21.2
6 20	16 23.28	−21 13.8	2.120	3.089	6.9	21.4
6 30	16 16.56	−21 6.4	2.175	3.082	10.2	21.6
7 10	16 11.84	−21 2.9	2.253	3.075	13.0	21.8
428188 2006 UC_{84} 6 1.6 259°.82 0°.1/ 1.6 17						
5 1	17 5.55	−22 42.5	1.730	2.608	13.3	21.9
5 11	16 59.34	−22 31.4	1.643	2.591	9.7	21.7
5 21	16 50.74	−22 15.4	1.579	2.573	5.4	21.4
5 31	16 40.56	−21 54.7	1.542	2.555	0.8	21.0
6 10	16 29.99	−21 30.9	1.531	2.537	4.1	21.2
6 20	16 20.24	−21 6.8	1.547	2.518	8.7	21.4
6 30	16 12.41	−20 45.8	1.587	2.499	13.0	21.7
7 10	16 7.22	−20 31.0	1.647	2.479	16.6	21.8
45583 2000 CK_{87} 6 1.6 235°.04 3°.5/31.3 18						
5 1	17 2.12	−11 50.5	2.405	3.272	10.5	18.5
5 11	16 56.21	−11 25.8	2.321	3.259	7.8	18.3
5 21	16 48.72	−11 4.4	2.262	3.245	5.1	18.2
5 31	16 40.27	−10 48.5	2.230	3.231	3.5	18.0
6 10	16 31.61	−10 39.7	2.227	3.216	5.0	18.1
6 20	16 23.51	−10 39.3	2.252	3.200	7.8	18.2
6 30	16 16.67	−10 47.9	2.302	3.184	10.7	18.4
7 10	16 11.62	−11 5.6	2.373	3.168	13.3	18.6
443773 2015 MB_{59} 6 1.6 319°.77 7°.4/31.3 18						
5 1	17 1.68	− 0 30.4	2.009	2.861	12.9	19.8
5 11	16 56.10	− 0 23.1	1.935	2.849	10.5	19.6
5 21	16 48.74	− 0 30.4	1.884	2.838	8.4	19.4
5 31	16 40.28	− 0 55.1	1.857	2.827	7.4	19.3
6 10	16 31.59	− 1 38.3	1.857	2.816	8.3	19.4
6 20	16 23.56	− 2 39.0	1.882	2.806	10.5	19.5
6 30	16 16.98	− 3 54.6	1.931	2.796	13.2	19.6
7 10	16 12.42	− 5 21.5	2.000	2.787	15.7	19.8
491264 2011 UW_{283} 6 1.6 192°.94 3°.9/ 3.2 18						
5 1	17 4.76	−36 45.0	3.117	3.943	9.4	22.4
5 11	16 58.00	−37 13.7	3.035	3.941	7.4	22.2
5 21	16 49.68	−37 33.1	2.979	3.938	5.4	22.1
5 31	16 40.40	−37 41.2	2.950	3.935	4.0	22.0
6 10	16 30.95	−37 37.7	2.950	3.931	4.4	22.0
6 20	16 22.07	−37 23.7	2.978	3.926	6.1	22.1
6 30	16 14.47	−37 1.6	3.033	3.922	8.2	22.2
7 10	16 8.66	−36 35.0	3.112	3.916	10.2	22.4
167602 2004 BW_{137} 6 1.6 292°.73 0°.9/ 1.9 16						
5 1	17 2.70	−24 59.4	1.945	2.821	12.2	21.1
5 11	16 57.02	−25 0.9	1.869	2.815	8.8	20.9
5 21	16 49.31	−24 57.0	1.816	2.808	5.0	20.7
5 31	16 40.36	−24 47.4	1.789	2.802	1.2	20.4
6 10	16 31.19	−24 33.0	1.789	2.795	3.5	20.5
6 20	16 22.83	−24 15.9	1.816	2.789	7.5	20.8
6 30	16 16.17	−23 58.9	1.868	2.782	11.2	21.0
7 10	16 11.83	−23 44.8	1.941	2.776	14.4	21.2

2020	α_{2000}	δ_{2000}	Δ	r	β	V
74100	1998 QE_{26}		6 1.6 276.°29	6.°6/ 3.6 18		
	h m	° ′			°	m
5 1	17 7.00	−39 26.8	1.953	2.789	13.8	19.1
5 11	17 0.53	−40 3.9	1.870	2.777	11.2	18.9
5 21	16 51.45	−40 25.7	1.808	2.764	8.5	18.7
5 31	16 40.67	−40 28.0	1.772	2.752	6.8	18.5
6 10	16 29.51	−40 9.6	1.761	2.739	7.1	18.5
6 20	16 19.30	−39 32.5	1.775	2.726	9.4	18.6
6 30	16 11.23	−38 42.1	1.814	2.713	12.3	18.8
7 10	16 6.06	−37 45.3	1.873	2.700	15.1	19.0
438280	2005 YO_{111}		6 1.6 227.°68	14.°2/ 1.4 18		
5 1	17 13.13	+ 8 57.5	1.263	2.091	20.4	21.0
5 11	17 5.18	+ 9 14.3	1.198	2.083	17.7	20.8
5 21	16 54.13	+ 8 58.4	1.152	2.075	15.4	20.6
5 31	16 41.06	+ 8 2.5	1.126	2.067	14.2	20.5
6 10	16 27.58	+ 6 24.7	1.123	2.058	14.9	20.5
6 20	16 15.29	+ 4 10.1	1.142	2.048	17.3	20.7
6 30	16 5.58	+ 1 28.2	1.182	2.038	20.4	20.8
7 10	15 59.28	− 1 29.4	1.241	2.027	23.4	21.0
205548	2001 SE_{202}		6 1.6 317.°66	0.°8/ 1.9 18		
5 1	17 2.12	−24 47.0	1.924	2.802	12.2	19.9
5 11	16 56.60	−24 44.5	1.850	2.797	8.9	19.7
5 21	16 49.07	−24 36.6	1.798	2.791	5.0	19.4
5 31	16 40.33	−24 23.2	1.773	2.786	1.1	19.1
6 10	16 31.41	−24 5.4	1.775	2.781	3.5	19.3
6 20	16 23.30	−23 45.5	1.804	2.776	7.5	19.5
6 30	16 16.89	−23 26.4	1.857	2.772	11.2	19.8
7 10	16 12.79	−23 10.8	1.931	2.767	14.4	20.0
137716	1999 XG_{98}		6 1.6 218.°75	0.°1/ 1.6 18		
5 1	17 6.52	−21 59.0	1.965	2.837	12.3	20.9
5 11	16 59.74	−21 56.8	1.883	2.828	8.9	20.6
5 21	16 50.83	−21 51.3	1.825	2.819	4.9	20.4
5 31	16 40.59	−21 42.4	1.795	2.808	0.7	20.0
6 10	16 30.07	−21 31.2	1.792	2.798	3.7	20.2
6 20	16 20.34	−21 19.4	1.817	2.786	7.8	20.5
6 30	16 12.35	−21 9.7	1.868	2.774	11.6	20.7
7 10	16 6.74	−21 4.3	1.939	2.761	14.9	20.9
46195	2001 FM_{144}		6 1.6 326.°44	2.°9/31.7 18		
5 1	17 1.69	−15 35.5	1.836	2.719	12.5	19.0
5 11	16 56.21	−15 10.0	1.768	2.717	9.1	18.8
5 21	16 48.82	−14 46.0	1.723	2.714	5.4	18.6
5 31	16 40.30	−14 25.6	1.704	2.712	2.9	18.4
6 10	16 31.64	−14 11.1	1.712	2.710	4.9	18.5
6 20	16 23.80	−14 4.3	1.746	2.709	8.6	18.8
6 30	16 17.62	−14 6.3	1.804	2.707	12.1	19.0
7 10	16 13.68	−14 17.6	1.882	2.705	15.2	19.2
491536	2012 LD		6 1.6 231.°41	11.°9/26.5 18		
5 1	17 6.70	− 5 9.7	1.158	2.043	18.0	21.0
5 11	17 0.50	− 2 16.4	1.103	2.037	14.7	20.8
5 21	16 51.45	+ 0 29.3	1.069	2.031	12.3	20.6
5 31	16 40.68	+ 2 52.9	1.059	2.024	12.2	20.6
6 10	16 29.73	+ 4 41.9	1.071	2.017	14.4	20.7
6 20	16 20.09	+ 5 50.0	1.104	2.009	17.9	20.9
6 30	16 12.96	+ 6 16.8	1.155	2.001	21.4	21.1
7 10	16 9.05	+ 6 7.9	1.220	1.993	24.4	21.3
169094	2001 KQ_{32}		6 1.6 268.°56	2.°9/31.3 17		
5 1	17 1.60	−16 10.0	2.074	2.952	11.5	20.4
5 11	16 56.06	−15 20.9	1.989	2.935	8.4	20.2
5 21	16 48.73	−14 30.8	1.929	2.919	5.0	20.0
5 31	16 40.29	−13 42.5	1.896	2.902	2.9	19.8
6 10	16 31.64	−12 59.4	1.890	2.886	4.9	19.9
6 20	16 23.66	−12 24.2	1.912	2.869	8.4	20.1
6 30	16 17.16	−11 59.6	1.958	2.851	11.8	20.3
7 10	16 12.69	−11 46.4	2.025	2.834	14.8	20.4
1238	Predappia		6 1.6 92.°11	2.°5/ 2.1 18		
5 1	17 7.73	−27 4.5	1.820	2.689	13.3	16.3
5 11	17 0.65	−27 46.3	1.763	2.703	9.7	16.1
5 21	16 51.31	−28 21.7	1.730	2.718	5.8	15.9
5 31	16 40.65	−28 48.2	1.723	2.732	2.6	15.7
6 10	16 29.88	−29 5.0	1.744	2.746	4.2	15.9
6 20	16 20.16	−29 13.1	1.792	2.760	7.9	16.1
6 30	16 12.47	−29 15.4	1.864	2.774	11.4	16.4
7 10	16 7.40	−29 15.5	1.958	2.788	14.4	16.6
502280	2015 BW_{135}		6 1.6 251.°01	3.°3/ 2.5 17		
5 1	17 8.50	−30 37.8	1.854	2.715	13.4	22.5
5 11	17 1.56	−30 52.2	1.762	2.696	10.1	22.2
5 21	16 52.04	−30 56.4	1.692	2.675	6.5	22.0
5 31	16 40.78	−30 47.9	1.648	2.654	3.5	21.7
6 10	16 29.04	−30 26.4	1.632	2.633	4.7	21.8
6 20	16 18.11	−29 54.4	1.642	2.610	8.6	21.9
6 30	16 9.20	−29 16.4	1.678	2.587	12.5	22.1
7 10	16 3.10	−28 38.1	1.734	2.563	16.0	22.3

2020	α_{2000}	δ_{2000}	Δ	r	β	V
443337	2014 GV_{7}		6 1.6 296.°13	0.°5/ 1.5 18		
	h m	° ′			°	m
5 1	17 2.25	−19 45.2	2.209	3.084	11.0	20.8
5 11	16 56.48	−20 3.3	2.131	3.078	7.9	20.5
5 21	16 48.95	−20 21.3	2.079	3.072	4.4	20.3
5 31	16 40.33	−20 38.9	2.053	3.066	0.7	20.0
6 10	16 31.48	−20 56.1	2.056	3.061	3.3	20.2
6 20	16 23.28	−21 13.3	2.086	3.055	6.9	20.4
6 30	16 16.51	−21 31.5	2.142	3.050	10.3	20.6
7 10	16 11.74	−21 51.6	2.220	3.045	13.1	20.8
260653	2005 GF_{161}		6 1.6 33.°00	4.°2/31.8 17		
5 1	17 3.92	−13 22.4	1.315	2.208	15.7	19.7
5 11	16 58.30	−13 5.0	1.260	2.213	11.5	19.4
5 21	16 50.14	−12 53.3	1.227	2.218	7.1	19.2
5 31	16 40.50	−12 49.9	1.217	2.224	4.2	19.0
6 10	16 30.75	−12 56.8	1.232	2.230	6.5	19.2
6 20	16 22.19	−13 14.6	1.270	2.236	10.7	19.4
6 30	16 15.91	−13 43.3	1.330	2.243	14.9	19.7
7 10	16 12.53	−14 21.7	1.408	2.250	18.5	20.0
121415	1999 TR_{144}		6 1.6 279.°05	2.°5/31.6 18		
5 1	17 0.23	−15 38.8	2.321	3.196	10.5	20.5
5 11	16 54.96	−15 9.8	2.233	3.178	7.6	20.3
5 21	16 48.09	−14 41.4	2.170	3.160	4.6	20.1
5 31	16 40.21	−14 15.3	2.134	3.141	2.5	19.9
6 10	16 32.12	−13 53.7	2.126	3.123	4.3	20.0
6 20	16 24.58	−13 38.4	2.146	3.104	7.5	20.2
6 30	16 18.33	−13 31.0	2.190	3.085	10.6	20.3
7 10	16 13.90	−13 32.1	2.257	3.066	13.4	20.5
395466	2011 US_{1}		6 1.6 166.°18	3.°0/ 2.8 18		
5 1	17 3.55	−32 2.4	2.619	3.468	10.3	21.6
5 11	16 57.23	−32 18.5	2.545	3.471	7.8	21.4
5 21	16 49.28	−32 26.3	2.496	3.474	5.1	21.2
5 31	16 40.37	−32 24.5	2.475	3.476	3.1	21.1
6 10	16 31.34	−32 13.2	2.482	3.479	3.8	21.1
6 20	16 23.01	−31 54.1	2.517	3.480	6.3	21.3
6 30	16 16.10	−31 30.0	2.579	3.482	8.9	21.5
7 10	16 11.11	−31 4.1	2.664	3.483	11.3	21.6
509196	2006 RK_{23}		6 1.6 289.°51	4.°1/ 2.6 17		
5 1	17 7.03	−31 10.6	1.511	2.383	15.3	21.8
5 11	17 1.11	−31 32.2	1.416	2.355	11.7	21.5
5 21	16 52.08	−31 42.3	1.343	2.328	7.6	21.2
5 31	16 40.83	−31 37.3	1.294	2.299	4.3	21.0
6 10	16 28.81	−31 16.1	1.270	2.271	5.7	21.0
6 20	16 17.66	−30 41.0	1.271	2.243	10.1	21.1
6 30	16 8.87	−29 57.8	1.294	2.214	14.7	21.3
7 10	16 3.44	−29 13.7	1.337	2.185	18.9	21.5
364593	2007 RT_{145}		6 1.6 310.°41	6.°1/ 2.8 17		
5 1	17 5.10	−33 17.8	1.187	2.071	17.7	20.5
5 11	17 0.39	−33 55.2	1.102	2.045	13.9	20.2
5 21	16 51.98	−34 18.2	1.036	2.019	9.6	19.8
5 31	16 40.83	−34 20.9	0.991	1.993	6.4	19.6
6 10	16 28.75	−34 0.6	0.969	1.968	7.5	19.5
6 20	16 17.75	−33 19.8	0.969	1.944	12.0	19.7
6 30	16 9.71	−32 26.1	0.989	1.920	17.0	19.9
7 10	16 5.78	−31 29.2	1.025	1.897	21.6	20.1
316074	2009 HX_{106}		6 1.6 359.°30	2.°4/ 2.3 17		
5 1	16 59.28	−28 7.3	0.986	1.896	18.3	19.5
5 11	16 55.86	−27 56.3	0.930	1.891	13.5	19.2
5 21	16 49.14	−27 31.1	0.892	1.888	8.0	18.9
5 31	16 40.38	−26 51.6	0.875	1.887	2.8	18.6
6 10	16 31.41	−26 1.4	0.879	1.887	5.4	18.7
6 20	16 23.97	−25 6.8	0.905	1.889	11.0	19.1
6 30	16 19.45	−24 15.4	0.949	1.893	16.2	19.3
7 10	16 18.57	−23 33.1	1.011	1.898	20.6	19.6
72082	2000 YG_{40}		6 1.6 230.°89	0.°1/ 1.6 18		
5 1	17 6.95	−22 53.3	1.890	2.762	12.7	20.5
5 11	17 0.15	−22 36.4	1.804	2.749	9.2	20.3
5 21	16 51.11	−22 14.3	1.742	2.735	5.1	20.0
5 31	16 40.66	−21 47.3	1.707	2.720	0.7	19.7
6 10	16 29.90	−21 17.2	1.700	2.705	3.8	19.9
6 20	16 19.95	−20 46.9	1.720	2.689	8.2	20.1
6 30	16 11.81	−20 19.9	1.765	2.671	12.2	20.3
7 10	16 6.17	−19 59.1	1.831	2.654	15.6	20.5
271675	2004 RW_{73}		6 1.6 247.°71	1.°7/ 2.2 18		
5 1	17 4.63	−27 35.0	1.837	2.709	13.0	20.8
5 11	16 58.53	−27 27.5	1.760	2.703	9.5	20.6
5 21	16 50.20	−27 11.3	1.706	2.696	5.6	20.4
5 31	16 40.53	−26 46.1	1.678	2.689	2.0	20.1
6 10	16 30.65	−26 13.2	1.677	2.682	3.9	20.2
6 20	16 21.69	−25 35.9	1.703	2.675	7.9	20.5
6 30	16 14.63	−24 58.2	1.753	2.668	11.8	20.7
7 10	16 10.10	−24 24.3	1.825	2.661	15.1	20.9

2020	α_{2000}	δ_{2000}	Δ	r	β	V
346452 2008 TW_{39}	6 1.6 163°.13	0°.7/ 1.8 17				
	h m	° ′			°	m
5 1	17 3.95	−24 29.9	1.973	2.847	12.2	21.5
5 11	16 57.81	−24 26.7	1.903	2.848	8.8	21.3
5 21	16 49.71	−24 18.4	1.857	2.850	4.9	21.0
5 31	16 40.45	−24 4.7	1.838	2.851	1.0	20.8
6 10	16 31.07	−23 47.0	1.847	2.853	3.5	20.9
6 20	16 22.56	−23 27.4	1.883	2.854	7.4	21.2
6 30	16 15.78	−23 8.8	1.943	2.855	11.0	21.4
7 10	16 11.28	−22 53.8	2.025	2.855	14.0	21.6
331647 2002 NF_{79}	6 1.6 270°.10	3°.1/ 2.7 17				
5 1	17 4.40	−30 48.2	1.913	2.778	12.9	20.4
5 11	16 58.33	−30 55.6	1.840	2.776	9.6	20.2
5 21	16 50.07	−30 52.8	1.789	2.773	6.1	20.0
5 31	16 40.51	−30 38.3	1.765	2.771	3.3	19.8
6 10	16 30.77	−30 13.0	1.767	2.768	4.4	19.8
6 20	16 21.97	−29 39.6	1.796	2.766	7.8	20.0
6 30	16 15.05	−29 2.3	1.849	2.763	11.3	20.2
7 10	16 10.63	−28 25.6	1.924	2.761	14.4	20.4
214200 2005 EO_{41}	6 1.6 109°.21	3°.4/31.6 18				
5 1	17 5.85	−15 14.0	1.578	2.461	14.2	20.3
5 11	16 59.25	−14 38.6	1.526	2.474	10.3	20.0
5 21	16 50.49	−14 5.3	1.497	2.487	6.2	19.8
5 31	16 40.56	−13 36.9	1.493	2.500	3.4	19.7
6 10	16 30.67	−13 16.2	1.516	2.513	5.6	19.9
6 20	16 21.92	−13 5.3	1.564	2.525	9.6	20.1
6 30	16 15.22	−13 5.5	1.636	2.537	13.3	20.4
7 10	16 11.09	−13 16.6	1.727	2.548	16.4	20.6
207986 1997 WM_{17}	6 1.6 270°.52	3°.1/ 2.2 17				
5 1	17 7.91	−28 17.4	1.487	2.364	15.2	21.3
5 11	17 1.60	−28 44.5	1.403	2.346	11.4	21.0
5 21	16 52.28	−29 3.5	1.340	2.329	7.0	20.7
5 31	16 40.87	−29 11.0	1.302	2.311	3.3	20.4
6 10	16 28.84	−29 6.2	1.290	2.293	5.2	20.5
6 20	16 17.77	−28 50.8	1.302	2.275	9.8	20.7
6 30	16 9.08	−28 29.6	1.337	2.256	14.4	20.9
7 10	16 3.68	−28 8.2	1.392	2.237	18.4	21.1
342470 2008 UM_{126}	6 1.6 156°.10	1°.8/ 2.3 17				
5 1	17 4.40	−27 59.5	2.131	2.996	11.7	21.1
5 11	16 58.04	−27 59.5	2.061	3.000	8.6	20.9
5 21	16 49.80	−27 51.9	2.015	3.003	5.1	20.7
5 31	16 40.47	−27 36.2	1.997	3.007	2.0	20.5
6 10	16 31.05	−27 13.4	2.006	3.010	3.5	20.6
6 20	16 22.48	−26 45.9	2.043	3.013	7.0	20.9
6 30	16 15.59	−26 17.0	2.105	3.015	10.3	21.1
7 10	16 10.92	−25 50.1	2.189	3.017	13.2	21.3
497416 2005 WW_{105}	6 1.6 215°.90	4°.2/31.1 17				
5 1	17 3.49	−11 7.1	2.111	2.980	11.7	21.8
5 11	16 57.32	−10 33.3	2.035	2.973	8.7	21.6
5 21	16 49.40	−10 3.7	1.983	2.965	5.8	21.4
5 31	16 40.42	− 9 40.9	1.958	2.957	4.2	21.3
6 10	16 31.26	− 9 27.2	1.961	2.948	5.7	21.4
6 20	16 22.79	− 9 24.1	1.991	2.938	8.8	21.5
6 30	16 15.79	− 9 32.3	2.046	2.928	11.9	21.7
7 10	16 10.81	− 9 51.3	2.121	2.917	14.6	21.9
205652 2001 XR_{108}	6 1.6 170°.72	2°.7/ 2.5 18				
5 1	17 9.48	−29 53.9	1.782	2.644	13.8	21.0
5 11	17 2.01	−29 56.1	1.713	2.649	10.2	20.7
5 21	16 52.12	−29 47.4	1.667	2.652	6.3	20.5
5 31	16 40.81	−29 26.5	1.647	2.655	3.0	20.3
6 10	16 29.38	−28 54.5	1.654	2.657	4.4	20.4
6 20	16 19.08	−28 14.8	1.689	2.658	8.3	20.6
6 30	16 10.96	−27 32.5	1.748	2.659	12.0	20.9
7 10	16 5.62	−26 52.6	1.829	2.658	15.3	21.1
335071 2004 RB_{290}	6 1.6 251°.57	1°.9/ 2.2 18				
5 1	17 6.44	−28 1.1	2.474	3.330	10.7	21.6
5 11	16 59.56	−28 10.9	2.371	3.305	7.9	21.3
5 21	16 50.74	−28 14.2	2.293	3.279	4.8	21.1
5 31	16 40.63	−28 9.8	2.243	3.252	2.0	20.9
6 10	16 30.14	−27 57.6	2.222	3.225	3.4	20.9
6 20	16 20.18	−27 39.2	2.230	3.196	6.8	21.1
6 30	16 11.64	−27 17.2	2.265	3.167	10.0	21.2
7 10	16 5.15	−26 55.1	2.323	3.137	13.0	21.4
198105 2004 SS_{50}	6 1.6 334°.35	11°.5/ 2.3 16				
5 1	17 6.38	−41 51.0	1.301	2.155	18.4	19.5
5 11	17 1.58	−43 43.0	1.227	2.137	15.6	19.2
5 21	16 52.79	−45 18.2	1.172	2.119	13.0	19.0
5 31	16 40.99	−46 25.8	1.138	2.103	11.6	18.9
6 10	16 28.08	−46 59.0	1.126	2.088	12.2	18.9
6 20	16 16.33	−46 57.1	1.134	2.074	14.5	19.0
6 30	16 7.84	−46 26.5	1.162	2.061	17.6	19.1
7 10	16 3.84	−45 37.9	1.206	2.050	20.7	19.3

2020	α_{2000}	δ_{2000}	Δ	r	β	V
480545 2015 MJ_{52}	6 1.6 249°.71	6°.2/31.1 18				
	h m	° ′			°	m
5 1	17 1.69	− 1 24.3	2.469	3.313	11.0	20.8
5 11	16 55.83	− 1 16.0	2.394	3.305	8.9	20.6
5 21	16 48.51	− 1 19.0	2.344	3.297	7.0	20.5
5 31	16 40.30	− 1 35.4	2.319	3.289	6.2	20.4
6 10	16 31.94	− 2 6.3	2.323	3.280	7.0	20.4
6 20	16 24.14	− 2 51.0	2.353	3.272	9.0	20.5
6 30	16 17.53	− 3 48.1	2.407	3.263	11.2	20.7
7 10	16 12.61	− 4 55.1	2.484	3.254	13.4	20.8
222709 2002 AF_{90}	6 1.6 168°.00	2°.7/31.5 17				
5 1	17 3.72	−14 24.6	2.513	3.379	10.2	21.3
5 11	16 57.17	−13 57.1	2.445	3.385	7.4	21.1
5 21	16 49.19	−13 31.1	2.403	3.390	4.5	20.9
5 31	16 40.39	−13 8.4	2.389	3.394	2.7	20.8
6 10	16 31.55	−12 50.7	2.405	3.398	4.2	20.9
6 20	16 23.38	−12 39.4	2.448	3.401	7.1	21.1
6 30	16 16.51	−12 35.6	2.519	3.403	9.8	21.3
7 10	16 11.40	−12 39.6	2.611	3.404	12.2	21.5
419632 2010 TO_3	6 1.6 281°.29	5°.2/ 2.9 17				
5 1	17 7.46	−33 27.2	1.497	2.365	15.7	21.0
5 11	17 1.34	−33 56.1	1.416	2.350	12.1	20.7
5 21	16 52.13	−34 11.5	1.356	2.335	8.3	20.5
5 31	16 40.85	−34 9.2	1.319	2.320	5.4	20.3
6 10	16 29.04	−33 48.0	1.308	2.305	6.3	20.3
6 20	16 18.32	−33 10.9	1.321	2.289	10.1	20.5
6 30	16 10.12	−32 24.2	1.356	2.274	14.3	20.7
7 10	16 5.30	−31 35.2	1.411	2.259	18.1	20.9
512671 2016 TH_{79}	6 1.6 293°.87	3°.3/ 2.9 18				
5 1	17 3.02	−32 38.3	2.093	2.951	12.2	21.1
5 11	16 57.28	−32 37.4	2.009	2.940	9.2	20.9
5 21	16 49.49	−32 25.2	1.948	2.928	6.1	20.7
5 31	16 40.45	−32 0.4	1.913	2.917	3.5	20.5
6 10	16 31.20	−31 24.0	1.906	2.905	4.4	20.5
6 20	16 22.77	−30 38.8	1.925	2.894	7.5	20.7
6 30	16 16.06	−29 49.1	1.970	2.883	10.8	20.8
7 10	16 11.69	−28 59.9	2.036	2.872	13.8	21.0
62579 2000 SA_{281}	6 1.6 266°.64	7°.0/29.4 18				
5 1	17 2.20	− 6 30.2	1.849	2.719	13.0	19.1
5 11	16 56.65	− 5 14.7	1.770	2.701	10.3	18.9
5 21	16 49.15	− 4 5.5	1.715	2.683	7.9	18.7
5 31	16 40.42	− 3 8.1	1.685	2.665	7.1	18.6
6 10	16 31.42	− 2 27.1	1.682	2.646	8.6	18.6
6 20	16 23.12	− 2 5.4	1.703	2.627	11.4	18.8
6 30	16 16.41	− 2 4.0	1.746	2.608	14.5	18.9
7 10	16 11.88	− 2 21.2	1.808	2.589	17.3	19.1
310215 2011 ST_{180}	6 1.6 110°.56	3°.4/31.0 18				
5 1	17 0.22	−13 48.4	2.239	3.115	10.8	20.5
5 11	16 54.83	−12 59.1	2.175	3.119	7.9	20.3
5 21	16 47.94	−12 11.5	2.135	3.122	5.0	20.1
5 31	16 40.23	−11 28.6	2.123	3.125	3.4	20.0
6 10	16 32.47	−10 53.1	2.139	3.129	5.0	20.1
6 20	16 25.43	−10 27.1	2.181	3.132	7.9	20.3
6 30	16 19.74	−10 12.0	2.249	3.135	10.7	20.5
7 10	16 15.87	−10 7.9	2.337	3.139	13.3	20.7
370116 2001 UB_{83}	6 1.6 223°.07	2°.8/31.5 18				
5 1	17 3.92	−15 28.2	2.182	3.053	11.2	21.9
5 11	16 57.64	−14 50.8	2.100	3.043	8.2	21.7
5 21	16 49.59	−14 13.6	2.042	3.031	5.0	21.5
5 31	16 40.48	−13 38.9	2.013	3.019	2.8	21.3
6 10	16 31.17	−13 9.2	2.012	3.007	4.7	21.4
6 20	16 22.54	−12 46.8	2.038	2.993	8.1	21.6
6 30	16 15.37	−12 33.4	2.090	2.979	11.3	21.8
7 10	16 10.20	−12 30.0	2.163	2.964	14.2	21.9
110163 2001 SN_{162}	6 1.6 195°.97	0°.6/ 1.4 18				
5 1	17 4.77	−21 28.1	2.003	2.877	12.0	20.1
5 11	16 58.36	−21 9.5	1.929	2.875	8.6	19.9
5 21	16 50.02	−20 47.3	1.879	2.872	4.8	19.7
5 31	16 40.54	−20 22.6	1.856	2.869	0.9	19.4
6 10	16 30.91	−19 57.0	1.862	2.866	3.7	19.6
6 20	16 22.11	−19 33.0	1.894	2.862	7.6	19.8
6 30	16 14.99	−19 13.4	1.952	2.858	11.2	20.0
7 10	16 10.11	−19 0.1	2.031	2.853	14.3	20.2
211987 2005 AG_{45}	6 1.6 75°.80	1°.7/ 1.3 18				
5 1	17 6.54	−18 11.5	1.381	2.270	15.4	20.1
5 11	17 0.09	−18 11.1	1.329	2.282	11.0	19.9
5 21	16 51.11	−18 11.4	1.299	2.294	6.2	19.7
5 31	16 40.70	−18 12.8	1.294	2.307	1.8	19.4
6 10	16 30.25	−18 16.7	1.315	2.319	4.9	19.6
6 20	16 21.09	−18 24.3	1.360	2.331	9.6	19.9
6 30	16 14.27	−18 37.1	1.427	2.344	13.8	20.2
7 10	16 10.38	−18 56.1	1.515	2.356	17.4	20.5

387455 2013 WF_{85} 6 1.6 127°.50 2°.7/31.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 1	17 3.90	−14 22.5	2.007	2.881	12.0	20.6
5 11	16 57.62	−14 18.3	1.944	2.889	8.7	20.4
5 21	16 49.56	−14 17.3	1.907	2.896	5.2	20.2
5 31	16 40.48	−14 20.6	1.896	2.904	2.7	20.1
6 10	16 31.32	−14 29.1	1.913	2.911	4.5	20.2
6 20	16 22.98	−14 43.5	1.957	2.917	7.9	20.4
6 30	16 16.23	−15 4.1	2.026	2.924	11.2	20.7
7 10	16 11.61	−15 30.8	2.116	2.930	14.0	20.9

193580 2001 BM_{6} 6 1.6 131°.93 0°.1/ 1.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 4.80	−21 32.4	1.982	2.856	12.1	20.1
5 11	16 58.37	−21 40.9	1.917	2.863	8.6	19.9
5 21	16 50.03	−21 47.1	1.876	2.869	4.8	19.7
5 31	16 40.55	−21 50.9	1.862	2.876	0.7	19.4
6 10	16 30.97	−21 52.6	1.876	2.882	3.5	19.6
6 20	16 22.25	−21 53.7	1.918	2.888	7.4	19.9
6 30	16 15.23	−21 55.9	1.984	2.893	10.9	20.1
7 10	16 10.47	−22 1.1	2.073	2.899	13.9	20.3

231341 2006 DP_{208} 6 1.6 23°.38 2°.8/ 2.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 4.20	−29 30.6	1.706	2.579	13.8	20.3
5 11	16 58.33	−29 37.1	1.640	2.581	10.2	20.1
5 21	16 50.14	−29 33.5	1.596	2.583	6.3	19.9
5 31	16 40.58	−29 18.8	1.578	2.586	3.0	19.7
6 10	16 30.88	−28 53.9	1.585	2.589	4.4	19.8
6 20	16 22.24	−28 21.8	1.619	2.592	8.2	20.0
6 30	16 15.65	−27 47.1	1.676	2.595	12.0	20.2
7 10	16 11.74	−27 14.3	1.754	2.598	15.3	20.4

167944 2005 EY_{189} 6 1.6 344°.20 2°.3/31.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 1.62	−17 37.0	1.736	2.622	12.9	20.2
5 11	16 56.30	−17 8.4	1.668	2.620	9.3	19.9
5 21	16 48.96	−16 39.5	1.624	2.617	5.4	19.7
5 31	16 40.41	−16 12.2	1.605	2.615	2.3	19.5
6 10	16 31.73	−15 49.2	1.612	2.614	4.7	19.6
6 20	16 23.93	−15 32.9	1.645	2.612	8.7	19.9
6 30	16 17.89	−15 25.2	1.702	2.611	12.4	20.1
7 10	16 14.19	−15 26.9	1.779	2.610	15.6	20.3

320347 2007 TB_{183} 6 1.6 243°.11 3°.8/31.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 5.40	−14 5.4	1.612	2.493	14.0	21.4
5 11	16 59.23	−13 35.0	1.535	2.482	10.3	21.2
5 21	16 50.70	−13 7.2	1.482	2.471	6.4	20.9
5 31	16 40.68	−12 44.7	1.453	2.459	3.9	20.7
6 10	16 30.34	−12 30.5	1.451	2.447	6.0	20.8
6 20	16 20.89	−12 26.6	1.475	2.435	10.1	21.0
6 30	16 13.36	−12 34.3	1.521	2.422	14.1	21.2
7 10	16 8.48	−12 53.6	1.587	2.408	17.6	21.4

278401 2007 QD_{10} 6 1.6 340°.84 9°.0/29.8 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	16 56.64	− 6 3.3	1.223	2.121	16.3	19.7
5 11	16 53.39	− 4 55.1	1.155	2.102	13.0	19.5
5 21	16 47.64	− 3 58.0	1.107	2.084	10.1	19.3
5 31	16 40.26	− 3 19.7	1.081	2.067	9.0	19.2
6 10	16 32.51	− 3 5.8	1.076	2.052	10.8	19.2
6 20	16 25.69	− 3 18.8	1.092	2.038	14.2	19.3
6 30	16 20.96	− 3 57.8	1.126	2.027	18.0	19.5
7 10	16 19.07	− 4 58.7	1.177	2.017	21.4	19.7

380804 2005 XC_{43} 6 1.6 219°.10 0°.9/ 1.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 7.68	−22 20.5	1.833	2.706	13.0	21.4
5 11	17 0.79	−23 5.2	1.758	2.703	9.4	21.2
5 21	16 51.56	−23 48.7	1.707	2.699	5.3	21.0
5 31	16 40.81	−24 28.9	1.683	2.696	1.2	20.7
6 10	16 29.70	−25 4.2	1.687	2.692	3.8	20.8
6 20	16 19.40	−25 34.3	1.718	2.688	8.1	21.1
6 30	16 10.98	−26 0.5	1.774	2.683	11.9	21.3
7 10	16 5.16	−26 25.1	1.851	2.679	15.2	21.5

517214 2013 YW_{152} 6 1.6 211°.66 2°.5/31.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 2.91	−15 29.2	2.124	2.999	11.4	21.9
5 11	16 56.94	−15 10.2	2.050	2.994	8.3	21.7
5 21	16 49.22	−14 52.6	2.000	2.990	4.9	21.5
5 31	16 40.46	−14 38.1	1.977	2.985	2.5	21.3
6 10	16 31.54	−14 28.2	1.982	2.979	4.4	21.4
6 20	16 23.33	−14 24.6	2.014	2.974	7.8	21.6
6 30	16 16.59	−14 28.1	2.071	2.968	11.1	21.8
7 10	16 11.87	−14 39.5	2.150	2.961	13.9	22.0

27241 Sunilpai 6 1.6 347°.28 5°.6/31.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 2.56	−11 34.5	1.293	2.187	15.9	18.1
5 11	16 57.45	−10 54.1	1.233	2.184	11.9	17.9
5 21	16 49.78	−10 20.2	1.193	2.181	7.8	17.6
5 31	16 40.55	− 9 57.2	1.177	2.178	5.6	17.5
6 10	16 31.12	− 9 48.7	1.184	2.176	7.7	17.6
6 20	16 22.80	− 9 56.3	1.214	2.175	11.7	17.8
6 30	16 16.70	−10 20.1	1.266	2.174	15.9	18.1
7 10	16 13.51	−10 58.1	1.335	2.173	19.4	18.3

498550 2008 HV_{4} 6 1.6 112°.09 13°.7/27.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 1	17 29.18	−11 47.6	0.663	1.560	26.0	20.9
5 11	17 16.33	− 7 3.0	0.645	1.594	19.7	20.7
5 21	16 59.69	− 2 33.6	0.648	1.625	14.8	20.5
5 31	16 41.83	+ 1 11.2	0.674	1.655	14.0	20.6
6 10	16 25.52	+ 3 51.3	0.721	1.682	17.2	20.9
6 20	16 12.73	+ 5 23.6	0.788	1.707	21.6	21.3
6 30	16 4.47	+ 5 57.2	0.869	1.729	25.6	21.7
7 10	16 0.80	+ 5 46.7	0.962	1.749	28.7	22.0

420455 2012 DA_{66} 6 1.6 121°.67 4°.4/31.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 4.84	−12 42.0	1.573	2.456	14.2	21.2
5 11	16 58.63	−12 6.2	1.516	2.462	10.5	21.0
5 21	16 50.24	−11 34.9	1.481	2.469	6.7	20.8
5 31	16 40.61	−11 11.3	1.472	2.475	4.4	20.7
6 10	16 30.92	−10 58.3	1.488	2.481	6.4	20.8
6 20	16 22.28	−10 57.4	1.530	2.486	10.1	21.1
6 30	16 15.63	−11 9.1	1.594	2.492	13.7	21.3
7 10	16 11.53	−11 32.5	1.678	2.497	16.9	21.5

52920 1998 SQ_{110} 6 1.6 339°.40 6°.5/ 2.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 2.79	−32 27.9	0.983	1.882	19.3	17.6
5 11	16 58.94	−33 18.4	0.919	1.870	14.9	17.3
5 21	16 51.22	−33 54.0	0.872	1.858	10.2	17.0
5 31	16 40.81	−34 8.4	0.845	1.848	6.8	16.8
6 10	16 29.74	−33 59.0	0.839	1.839	8.0	16.8
6 20	16 20.17	−33 29.2	0.853	1.832	12.6	17.0
6 30	16 13.93	−32 46.8	0.886	1.825	17.5	17.3
7 10	16 12.01	−32 1.2	0.934	1.821	22.0	17.5

118405 1999 RM_{104} 6 1.6 260°.40 1°.4/31.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 0.60	−19 34.0	2.411	3.285	10.2	19.9
5 11	16 55.18	−19 0.1	2.327	3.273	7.3	19.7
5 21	16 48.22	−18 23.7	2.268	3.261	4.1	19.5
5 31	16 40.33	−17 46.4	2.237	3.248	1.4	19.3
6 10	16 32.29	−17 10.5	2.234	3.236	3.5	19.4
6 20	16 24.86	−16 38.2	2.259	3.223	6.8	19.6
6 30	16 18.72	−16 12.0	2.310	3.210	10.0	19.8
7 10	16 14.36	−15 53.3	2.383	3.197	12.7	20.0

281727 2008 XE_{1} 6 1.6 270°.92 4°.9/31.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 3.63	− 8 24.7	1.950	2.819	12.5	20.2
5 11	16 57.67	− 8 17.9	1.868	2.803	9.5	20.0
5 21	16 49.75	− 8 19.6	1.809	2.788	6.6	19.8
5 31	16 40.56	− 8 31.7	1.776	2.772	4.9	19.7
6 10	16 31.06	− 8 55.6	1.771	2.756	6.3	19.7
6 20	16 22.20	− 9 31.3	1.792	2.740	9.4	19.9
6 30	16 14.87	−10 17.8	1.837	2.724	12.7	20.0
7 10	16 9.71	−11 13.6	1.903	2.708	15.7	20.2

473190 2015 KF_{72} 6 1.6 266°.24 3°.1/31.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 3.59	−12 22.2	2.125	2.996	11.5	21.2
5 11	16 57.56	−12 26.8	2.039	2.980	8.5	21.0
5 21	16 49.66	−12 36.5	1.977	2.964	5.3	20.8
5 31	16 40.57	−12 52.5	1.942	2.947	3.2	20.6
6 10	16 31.16	−13 15.2	1.935	2.931	4.8	20.7
6 20	16 22.33	−13 45.0	1.956	2.914	8.1	20.8
6 30	16 14.92	−14 21.5	2.002	2.897	11.5	21.0
7 10	16 9.56	−15 4.2	2.070	2.880	14.4	21.2

211867 2004 GC_{42} 6 1.6 209°.48 2°.9/ 2.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 4.31	−29 59.7	2.241	3.100	11.5	20.7
5 11	16 58.08	−30 26.1	2.165	3.098	8.5	20.5
5 21	16 49.93	−30 45.0	2.114	3.097	5.4	20.3
5 31	16 40.60	−30 54.6	2.090	3.095	3.0	20.2
6 10	16 31.05	−30 54.6	2.093	3.093	4.0	20.2
6 20	16 22.25	−30 46.5	2.124	3.091	7.0	20.4
6 30	16 15.06	−30 32.9	2.181	3.088	10.1	20.6
7 10	16 10.06	−30 17.3	2.259	3.086	12.9	20.8

476469 2008 EU_{164} 6 1.6 33°.37 8°.4/ 4.8 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 7.03	−44 55.7	1.962	2.777	14.6	20.4
5 11	17 0.56	−45 43.4	1.903	2.786	12.2	20.3
5 21	16 51.46	−46 11.6	1.865	2.795	10.0	20.1
5 31	16 40.82	−46 16.1	1.851	2.805	8.6	20.1
6 10	16 30.05	−45 56.0	1.861	2.816	8.6	20.1
6 20	16 20.53	−45 14.3	1.895	2.827	10.0	20.2
6 30	16 13.35	−44 17.1	1.952	2.838	12.2	20.3
7 10	16 9.17	−43 11.7	2.030	2.849	14.4	20.5

182859 2002 CZ_{149} 6 1.6 4°.37 0°.2/ 1.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 1.03	−22 49.1	1.894	2.776	12.2	19.8
5 11	16 55.83	−22 50.4	1.826	2.776	8.8	19.6
5 21	16 48.71	−22 48.2	1.782	2.776	4.9	19.4
5 31	16 40.43	−22 42.6	1.764	2.777	0.7	19.1
6 10	16 32.02	−22 34.7	1.772	2.778	3.5	19.3
6 20	16 24.43	−22 26.1	1.807	2.780	7.5	19.5
6 30	16 18.51	−22 19.2	1.866	2.783	11.1	19.8
7 10	16 14.84	−22 15.9	1.947	2.785	14.2	20.0

2020	α_{2000}	δ_{2000}	Δ	r	β	V
234033 1998 TF_{15}		6 1.6 290°.58	0°.2/ 1.6 17			
	h m	° ′			°	m
5 1	17 2.57	−22 20.0	1.876	2.756	12.4	20.9
5 11	16 56.99	−22 7.7	1.799	2.748	8.9	20.7
5 21	16 49.39	−21 51.4	1.746	2.741	5.0	20.4
5 31	16 40.54	−21 31.7	1.719	2.733	0.7	20.1
6 10	16 31.48	−21 10.4	1.720	2.726	3.7	20.3
6 20	16 23.24	−20 49.8	1.747	2.718	7.8	20.5
6 30	16 16.70	−20 32.5	1.798	2.711	11.6	20.7
7 10	16 12.49	−20 21.0	1.870	2.704	14.9	20.9
354754 2005 TQ_{159}		6 1.6 161°.40	0°.1/ 1.7 17			
5 1	17 1.16	−23 34.6	2.636	3.504	9.7	21.4
5 11	16 55.43	−23 17.8	2.564	3.507	6.9	21.2
5 21	16 48.30	−22 56.9	2.518	3.510	3.8	21.0
5 31	16 40.38	−22 32.8	2.500	3.513	0.6	20.7
6 10	16 32.40	−22 6.7	2.510	3.516	2.7	20.9
6 20	16 25.07	−21 40.6	2.550	3.518	5.9	21.1
6 30	16 18.99	−21 16.6	2.615	3.520	8.8	21.3
7 10	16 14.61	−20 56.6	2.704	3.522	11.2	21.5
115181 2003 SX_{91}		6 1.6 196°.59	2°.5/ 2.5 18			
5 1	17 4.93	−29 34.6	2.019	2.883	12.3	20.6
5 11	16 58.62	−29 38.2	1.945	2.882	9.1	20.4
5 21	16 50.26	−29 32.9	1.895	2.881	5.6	20.1
5 31	16 40.67	−29 17.4	1.871	2.879	2.7	19.9
6 10	16 30.92	−28 52.8	1.875	2.878	3.9	20.0
6 20	16 22.06	−28 21.5	1.906	2.876	7.4	20.2
6 30	16 14.99	−27 47.4	1.962	2.873	10.9	20.4
7 10	16 10.29	−27 14.7	2.039	2.871	13.9	20.6
371895 2008 CB_{123}		6 1.6 22°.13	1°.3/ 1.3 17			
5 1	17 2.81	−20 28.6	1.214	2.115	16.2	20.7
5 11	16 57.75	−20 11.1	1.162	2.121	11.6	20.5
5 21	16 49.98	−19 50.8	1.130	2.127	6.5	20.2
5 31	16 40.63	−19 29.5	1.121	2.134	1.5	19.9
6 10	16 31.21	−19 9.8	1.136	2.142	5.0	20.2
6 20	16 23.11	−18 54.8	1.174	2.150	10.1	20.5
6 30	16 17.48	−18 47.4	1.233	2.160	14.7	20.8
7 10	16 14.93	−18 49.1	1.311	2.170	18.6	21.0
146103 2000 QK_{28}		6 1.6 322°.97	4°.7/31.4 18			
5 1	17 0.24	−13 40.6	1.310	2.209	15.4	18.4
5 11	16 56.07	−13 6.0	1.229	2.184	11.5	18.0
5 21	16 49.22	−12 34.8	1.169	2.161	7.3	17.7
5 31	16 40.56	−12 10.9	1.132	2.138	4.7	17.5
6 10	16 31.37	−11 58.2	1.118	2.115	7.1	17.6
6 20	16 23.01	−11 59.5	1.127	2.094	11.7	17.8
6 30	16 16.78	−12 16.2	1.157	2.074	16.3	18.0
7 10	16 13.52	−12 47.6	1.204	2.055	20.4	18.2
324562 2006 WZ_{116}		6 1.6 311°.49	4°.8/ 2.6 17			
5 1	17 5.73	−31 33.3	1.393	2.271	16.0	20.9
5 11	17 0.23	−32 9.2	1.316	2.257	12.2	20.6
5 21	16 51.62	−32 33.6	1.260	2.244	8.1	20.3
5 31	16 40.91	−32 42.3	1.228	2.232	5.0	20.1
6 10	16 29.66	−32 34.0	1.220	2.219	6.2	20.1
6 20	16 19.51	−32 11.0	1.235	2.207	10.3	20.3
6 30	16 11.92	−31 38.9	1.272	2.196	14.6	20.6
7 10	16 7.76	−31 4.5	1.328	2.185	18.5	20.8
509362 2007 BZ_{4}		6 1.6 210°.91	4°.1/ 3.9 18			
5 1	17 5.12	−39 26.0	3.279	4.092	9.3	23.2
5 11	16 58.25	−39 33.1	3.188	4.083	7.4	23.0
5 21	16 49.88	−39 29.0	3.123	4.074	5.6	22.9
5 31	16 40.62	−39 12.3	3.085	4.064	4.3	22.8
6 10	16 31.24	−38 43.2	3.076	4.054	4.5	22.8
6 20	16 22.48	−38 3.4	3.096	4.042	6.0	22.9
6 30	16 15.01	−37 16.0	3.143	4.031	8.0	23.0
7 10	16 9.30	−36 24.8	3.214	4.018	9.9	23.1
281018 2006 ED_{63}		6 1.6 329°.71	0°.0/ 1.5 17			
5 1	17 1.69	−23 22.4	1.561	2.450	13.9	20.5
5 11	16 56.71	−23 1.8	1.487	2.440	10.1	20.2
5 21	16 49.37	−22 35.1	1.435	2.430	5.6	20.0
5 31	16 40.56	−22 3.3	1.408	2.421	0.8	19.6
6 10	16 31.51	−21 28.9	1.406	2.413	4.1	19.8
6 20	16 23.41	−20 55.4	1.429	2.404	8.8	20.1
6 30	16 17.31	−20 26.6	1.476	2.397	13.1	20.3
7 10	16 13.89	−20 5.7	1.542	2.390	16.8	20.5
44404 1998 SB_{113}		6 1.6 264°.71	3°.1/31.7 18			
5 1	17 2.34	−14 8.7	1.913	2.792	12.2	19.0
5 11	16 56.68	−13 50.8	1.843	2.789	8.9	18.8
5 21	16 49.16	−13 36.0	1.798	2.787	5.5	18.5
5 31	16 40.52	−13 26.1	1.778	2.785	3.2	18.4
6 10	16 31.73	−13 22.8	1.786	2.782	5.0	18.5
6 20	16 23.71	−13 27.3	1.820	2.780	8.5	18.7
6 30	16 17.30	−13 40.2	1.878	2.777	11.9	18.9
7 10	16 13.05	−14 1.6	1.957	2.775	14.9	19.1

2020	α_{2000}	δ_{2000}	Δ	r	β	V
106089 2000 SJ_{359}		6 1.6 133°.16	2°.5/ 2.7 18			
	h m	° ′			°	m
5 1	17 3.16	−30 41.8	2.372	3.230	11.0	19.5
5 11	16 57.07	−30 42.6	2.302	3.235	8.2	19.3
5 21	16 49.29	−30 34.6	2.257	3.240	5.1	19.1
5 31	16 40.54	−30 17.3	2.238	3.244	2.7	19.0
6 10	16 31.72	−29 51.6	2.248	3.249	3.6	19.1
6 20	16 23.68	−29 19.7	2.285	3.253	6.5	19.3
6 30	16 17.18	−28 44.9	2.348	3.257	9.4	19.4
7 10	16 12.70	−28 10.8	2.434	3.261	12.0	19.6
131839 2002 AO_{116}		6 1.6 154°.92	6°.1/31.0 18			
5 1	17 3.75	− 5 4.8	2.045	2.904	12.4	20.1
5 11	16 57.47	− 4 38.0	1.985	2.910	9.7	19.9
5 21	16 49.50	− 4 21.2	1.948	2.915	7.2	19.8
5 31	16 40.57	− 4 17.0	1.938	2.920	6.1	19.7
6 10	16 31.57	− 4 27.2	1.954	2.924	7.2	19.8
6 20	16 23.34	− 4 51.7	1.997	2.928	9.6	20.0
6 30	16 16.64	− 5 29.5	2.063	2.932	12.3	20.1
7 10	16 11.95	− 6 18.4	2.151	2.935	14.8	20.3
129349 2514 P–L		6 1.7 301°.95	7°.4/ 2.9 16			
5 1	17 7.44	−37 57.8	1.682	2.531	15.1	20.1
5 11	17 1.42	−39 0.1	1.596	2.511	12.2	19.8
5 21	16 52.32	−39 48.9	1.531	2.492	9.3	19.6
5 31	16 41.04	−40 17.9	1.490	2.472	7.5	19.5
6 10	16 29.05	−40 24.1	1.473	2.453	8.0	19.5
6 20	16 17.95	−40 8.2	1.481	2.434	10.7	19.6
6 30	16 9.24	−39 35.3	1.512	2.415	14.0	19.7
7 10	16 3.88	−38 52.9	1.561	2.396	17.2	19.9
471476 2011 UF_{345}		6 1.7 146°.35	2°.8/ 2.8 18			
5 1	17 3.49	−32 14.6	2.906	3.751	9.5	21.9
5 11	16 57.09	−32 31.4	2.836	3.760	7.2	21.8
5 21	16 49.24	−32 40.3	2.792	3.768	4.7	21.6
5 31	16 40.54	−32 40.4	2.776	3.776	2.9	21.5
6 10	16 31.77	−32 31.7	2.788	3.784	3.5	21.6
6 20	16 23.64	−32 15.7	2.830	3.791	5.8	21.7
6 30	16 16.81	−31 54.8	2.898	3.798	8.2	21.9
7 10	16 11.72	−31 32.0	2.989	3.804	10.3	22.0
477629 2010 LZ_{87}		6 1.7 335°.29	3°.3/ 2.9 16			
5 1	17 1.85	−32 8.7	1.835	2.703	13.2	21.0
5 11	16 56.67	−31 59.1	1.756	2.693	10.0	20.8
5 21	16 49.29	−31 36.9	1.701	2.684	6.4	20.6
5 31	16 40.58	−31 1.3	1.670	2.676	3.5	20.4
6 10	16 31.68	−30 13.9	1.666	2.668	4.5	20.4
6 20	16 23.72	−29 18.3	1.687	2.660	8.0	20.6
6 30	16 17.66	−28 20.0	1.733	2.653	11.6	20.8
7 10	16 14.11	−27 24.1	1.800	2.647	14.8	21.0
103066 1999 XO_{141}		6 1.7 321°.17	4°.3/ 1.2 18 R			
5 1	16 58.44	−16 11.5	0.591	1.530	22.1	18.5
5 11	16 56.78	−15 58.8	0.532	1.509	16.5	18.1
5 21	16 50.59	−15 51.4	0.486	1.488	9.9	17.6
5 31	16 40.89	−15 54.0	0.456	1.468	4.4	17.2
6 10	16 29.87	−16 10.8	0.442	1.450	8.6	17.3
6 20	16 20.18	−16 44.0	0.442	1.433	16.2	17.6
6 30	16 14.30	−17 34.4	0.456	1.418	23.4	17.9
7 10	16 13.71	−18 40.0	0.480	1.406	29.6	18.1
507043 2008 UR_{245}		6 1.7 228°.56	1°.2/ 2.1 17			
5 1	17 4.32	−26 44.0	2.157	3.024	11.5	22.1
5 11	16 58.10	−26 34.6	2.075	3.016	8.4	21.9
5 21	16 49.98	−26 18.1	2.017	3.007	4.9	21.6
5 31	16 40.69	−25 54.3	1.986	2.998	1.5	21.4
6 10	16 31.22	−25 24.6	1.984	2.989	3.4	21.5
6 20	16 22.50	−24 51.4	2.009	2.979	7.1	21.7
6 30	16 15.39	−24 18.2	2.059	2.969	10.5	21.9
7 10	16 10.47	−23 48.3	2.132	2.959	13.5	22.1
477111 2009 BX_{177}		6 1.7 6°.79	10°.6/ 5.6 16			
5 1	17 5.87	−47 1.5	1.563	2.386	17.3	20.2
5 11	17 0.42	−47 54.6	1.503	2.387	14.8	20.0
5 21	16 51.69	−48 23.1	1.462	2.389	12.5	19.9
5 31	16 40.94	−48 21.1	1.442	2.392	10.9	19.8
6 10	16 30.00	−47 47.0	1.443	2.396	10.8	19.8
6 20	16 20.59	−46 45.1	1.467	2.402	12.2	19.9
6 30	16 14.11	−45 23.4	1.513	2.408	14.5	20.0
7 10	16 11.24	−43 52.0	1.577	2.415	17.0	20.2
251279 2006 WB_{66}		6 1.7 121°.34	7°.9/29.3 17			
5 1	16 59.89	+ 3 47.0	2.569	3.396	11.2	20.7
5 11	16 54.43	+ 4 38.6	2.521	3.407	9.5	20.6
5 21	16 47.72	+ 5 17.0	2.497	3.418	8.2	20.5
5 31	16 40.36	+ 5 38.9	2.498	3.428	7.9	20.5
6 10	16 32.99	+ 5 42.6	2.524	3.439	8.6	20.6
6 20	16 26.24	+ 5 28.0	2.575	3.449	10.0	20.7
6 30	16 20.67	+ 4 56.7	2.649	3.459	11.7	20.8
7 10	16 16.64	+ 4 11.1	2.743	3.468	13.3	21.0

2020	α_{2000}	δ_{2000}	Δ	r	β	V
512263 2016 EG_{150}			6 1.7 341°60	0°0/ 1.5 17		
	h m	° ′			°	m
5 1	17 3.31	−21 5.4	1.215	2.115	16.3	21.0
5 11	16 58.46	−21 27.4	1.149	2.107	11.8	20.7
5 21	16 50.62	−21 48.7	1.102	2.099	6.6	20.4
5 31	16 40.82	−22 8.1	1.078	2.092	1.0	20.0
6 10	16 30.58	−22 25.3	1.079	2.086	4.8	20.3
6 20	16 21.48	−22 41.3	1.102	2.081	10.3	20.6
6 30	16 14.88	−22 58.0	1.146	2.077	15.3	20.8
7 10	16 11.62	−23 17.8	1.208	2.073	19.4	21.1
123778 2001 BN_{12}			6 1.7 268°72	1°3/ 1.2 18		
5 1	17 3.68	−19 40.6	1.877	2.757	12.4	20.6
5 11	16 57.89	−19 20.5	1.791	2.740	9.0	20.4
5 21	16 49.98	−18 58.0	1.728	2.722	5.1	20.1
5 31	16 40.72	−18 34.3	1.692	2.704	1.5	19.8
6 10	16 31.14	−18 11.6	1.683	2.687	4.1	20.0
6 20	16 22.28	−17 52.1	1.700	2.668	8.3	20.2
6 30	16 15.10	−17 38.4	1.742	2.650	12.2	20.4
7 10	16 10.26	−17 32.5	1.805	2.631	15.6	20.5
501597 2014 QH_{240}			6 1.7 259°99	4°5/31.5 17		
5 1	17 5.46	−13 40.7	1.399	2.287	15.3	22.1
5 11	16 59.58	−13 4.9	1.327	2.277	11.3	21.8
5 21	16 51.07	−12 32.5	1.277	2.267	7.1	21.5
5 31	16 40.89	−12 6.8	1.251	2.257	4.5	21.3
6 10	16 30.36	−11 51.5	1.250	2.246	6.8	21.4
6 20	16 20.83	−11 48.8	1.273	2.235	11.2	21.7
6 30	16 13.48	−12 0.0	1.318	2.224	15.5	21.9
7 10	16 9.05	−12 24.7	1.381	2.213	19.3	22.1
497985 2007 DT_{18}			6 1.7 83°52	5°7/31.1 17		
5 1	17 3.55	− 8 55.7	1.654	2.531	13.9	21.7
5 11	16 57.60	− 8 16.5	1.602	2.542	10.5	21.5
5 21	16 49.68	− 7 45.4	1.573	2.552	7.3	21.4
5 31	16 40.66	− 7 26.1	1.569	2.563	5.7	21.3
6 10	16 31.64	− 7 20.9	1.591	2.574	7.2	21.4
6 20	16 23.61	− 7 30.5	1.638	2.584	10.3	21.6
6 30	16 17.42	− 7 54.5	1.707	2.595	13.5	21.8
7 10	16 13.59	− 8 30.9	1.796	2.605	16.4	22.0
157211 2004 RJ_{28}			6 1.7 175°22	6°0/ 4.3 18		
5 1	17 5.96	−42 27.4	2.632	3.442	11.4	20.1
5 11	16 59.26	−42 56.9	2.557	3.442	9.4	19.9
5 21	16 50.61	−43 12.2	2.505	3.443	7.4	19.8
5 31	16 40.81	−43 10.6	2.480	3.444	6.2	19.7
6 10	16 30.85	−42 51.9	2.481	3.444	6.3	19.7
6 20	16 21.72	−42 17.8	2.508	3.444	7.7	19.8
6 30	16 14.28	−41 32.3	2.561	3.444	9.7	20.0
7 10	16 9.08	−40 40.5	2.636	3.444	11.7	20.1
475015 2005 TN_{191}			6 1.7 225°27	0°1/ 1.7 18 R		
5 1	17 1.33	−22 53.1	2.802	3.668	9.2	22.5
5 11	16 55.61	−22 48.3	2.717	3.659	6.6	22.3
5 21	16 48.48	−22 40.4	2.657	3.649	3.7	22.1
5 31	16 40.50	−22 29.6	2.626	3.639	0.6	21.8
6 10	16 32.37	−22 16.9	2.624	3.629	2.6	22.0
6 20	16 24.76	−22 3.5	2.651	3.619	5.7	22.2
6 30	16 18.30	−21 51.1	2.704	3.608	8.6	22.3
7 10	16 13.46	−21 41.6	2.781	3.596	11.0	22.5
230915 2004 TN_{261}			6 1.7 160°06	1°7/31.9 17		
5 1	17 3.74	−17 41.1	2.385	3.255	10.5	21.8
5 11	16 57.34	−17 17.8	2.318	3.262	7.5	21.6
5 21	16 49.41	−16 54.1	2.277	3.268	4.3	21.4
5 31	16 40.63	−16 31.3	2.263	3.274	1.8	21.3
6 10	16 31.80	−16 11.1	2.279	3.279	3.7	21.4
6 20	16 23.69	−15 55.2	2.323	3.284	6.9	21.6
6 30	16 16.97	−15 45.1	2.393	3.288	9.9	21.8
7 10	16 12.10	−15 41.8	2.485	3.291	12.4	22.0
99450 2002 CP_{34}			6 1.7 319°71	6°9/31.6 18		
5 1	17 2.61	− 6 18.5	1.447	2.328	15.3	19.0
5 11	16 57.54	− 6 7.8	1.369	2.309	11.9	18.7
5 21	16 49.98	− 6 10.5	1.313	2.291	8.6	18.5
5 31	16 40.75	− 6 30.2	1.280	2.273	6.9	18.3
6 10	16 31.06	− 7 8.7	1.271	2.256	8.4	18.4
6 20	16 22.16	− 8 5.5	1.286	2.239	11.9	18.5
6 30	16 15.21	− 9 18.0	1.323	2.224	15.8	18.7
7 10	16 11.01	−10 42.6	1.378	2.209	19.3	18.9
141456 2002 CP_{95}			6 1.7 354°33	5°6/31.4 17		
5 1	17 2.66	−12 3.6	1.196	2.095	16.6	19.5
5 11	16 57.72	−11 24.4	1.138	2.092	12.4	19.2
5 21	16 50.06	−10 51.7	1.100	2.090	8.1	19.0
5 31	16 40.75	−10 30.0	1.085	2.088	5.6	18.8
6 10	16 31.23	−10 23.1	1.093	2.087	7.8	18.9
6 20	16 22.90	−10 32.6	1.123	2.087	12.1	19.2
6 30	16 16.93	−10 58.4	1.174	2.087	16.4	19.4
7 10	16 14.03	−11 38.4	1.242	2.088	20.1	19.7

2020	α_{2000}	δ_{2000}	Δ	r	β	V
338665 2003 SG_{359}			6 1.7 317°39	1°4/ 2.1 17		
	h m	° ′			°	m
5 1	17 3.43	−25 58.9	1.710	2.589	13.4	21.0
5 11	16 57.88	−26 0.8	1.635	2.583	9.8	20.8
5 21	16 50.03	−25 56.0	1.584	2.576	5.7	20.5
5 31	16 40.75	−25 43.6	1.557	2.569	1.7	20.2
6 10	16 31.22	−25 24.9	1.557	2.563	3.9	20.4
6 20	16 22.61	−25 2.3	1.583	2.557	8.2	20.6
6 30	16 15.94	−24 39.5	1.632	2.551	12.2	20.8
7 10	16 11.88	−24 20.0	1.702	2.546	15.7	21.0
19870 4780 $P\text{–}L$			6 1.7 106°93	2°1/31.8 18		
5 1	17 0.79	−16 25.0	2.414	3.287	10.2	18.8
5 11	16 55.21	−15 59.3	2.353	3.297	7.4	18.6
5 21	16 48.23	−15 34.1	2.317	3.307	4.3	18.4
5 31	16 40.48	−15 11.2	2.309	3.317	2.1	18.3
6 10	16 32.70	−14 52.3	2.329	3.327	3.8	18.4
6 20	16 25.62	−14 38.9	2.377	3.336	6.8	18.6
6 30	16 19.83	−14 32.1	2.450	3.346	9.6	18.8
7 10	16 15.77	−14 32.5	2.546	3.355	12.1	19.0
280361 2003 SJ_{332}			6 1.7 284°16	3°4/31.6 17		
5 1	17 2.23	−14 14.0	1.839	2.720	12.6	20.5
5 11	16 56.80	−13 47.9	1.760	2.707	9.2	20.3
5 21	16 49.36	−13 24.3	1.704	2.694	5.7	20.1
5 31	16 40.66	−13 5.4	1.675	2.681	3.4	19.9
6 10	16 31.70	−12 53.7	1.672	2.668	5.3	20.0
6 20	16 23.47	−12 50.8	1.695	2.655	9.0	20.2
6 30	16 16.87	−12 58.0	1.742	2.642	12.6	20.4
7 10	16 12.52	−13 15.2	1.808	2.629	15.8	20.5
270583 2002 JK_{145}			6 1.7 340°00	0°8/ 1.6 16		
5 1	17 1.62	−18 18.9	1.297	2.196	15.5	19.9
5 11	16 57.19	−18 53.8	1.222	2.180	11.3	19.6
5 21	16 49.95	−19 32.9	1.168	2.165	6.3	19.3
5 31	16 40.78	−20 15.0	1.138	2.151	1.2	18.9
6 10	16 31.06	−20 58.9	1.132	2.139	4.7	19.1
6 20	16 22.25	−21 43.6	1.149	2.128	10.1	19.4
6 30	16 15.70	−22 29.1	1.188	2.118	14.9	19.6
7 10	16 12.29	−23 15.9	1.245	2.109	19.0	19.9
504644 2008 XL_{4}			6 1.7 204°07	1°2/ 1.9 17		
5 1	17 6.31	−24 36.9	2.351	3.213	10.9	21.4
5 11	16 59.47	−25 7.5	2.270	3.208	7.9	21.2
5 21	16 50.76	−25 34.8	2.214	3.204	4.6	21.0
5 31	16 40.87	−25 57.3	2.187	3.198	1.4	20.7
6 10	16 30.71	−26 14.4	2.188	3.193	3.2	20.8
6 20	16 21.19	−26 26.7	2.219	3.186	6.7	21.1
6 30	16 13.15	−26 35.7	2.276	3.180	9.9	21.2
7 10	16 7.19	−26 43.7	2.355	3.173	12.7	21.4
39001 2000 UN_{27}			6 1.7 79°00	2°0/ 1.4 18		
5 1	17 5.97	−15 47.5	1.739	2.618	13.3	18.9
5 11	16 59.36	−16 5.4	1.685	2.632	9.6	18.7
5 21	16 50.69	−16 26.6	1.654	2.646	5.5	18.5
5 31	16 40.85	−16 50.8	1.649	2.660	2.1	18.3
6 10	16 30.95	−17 18.1	1.672	2.674	4.3	18.4
6 20	16 22.04	−17 48.1	1.721	2.688	8.3	18.7
6 30	16 15.01	−18 21.2	1.794	2.702	11.9	19.0
7 10	16 10.43	−18 57.5	1.889	2.716	15.0	19.2
199083 2005 XY_{91}			6 1.7 224°85	4°3/ 2.6 16		
5 1	17 10.51	−31 18.2	1.517	2.384	15.5	20.6
5 11	17 3.47	−31 49.6	1.441	2.377	11.8	20.4
5 21	16 53.38	−32 9.6	1.387	2.369	7.7	20.1
5 31	16 41.28	−32 14.2	1.357	2.361	4.5	19.9
6 10	16 28.72	−32 2.5	1.353	2.353	5.7	20.0
6 20	16 17.31	−31 36.9	1.375	2.344	9.8	20.2
6 30	16 8.43	−31 3.2	1.419	2.334	14.0	20.4
7 10	16 2.92	−30 28.1	1.484	2.324	17.7	20.6
277615 2006 BM_{2}			6 1.7 103°95	6°5/30.9 17		
5 1	17 3.51	− 4 54.5	1.894	2.757	13.1	20.4
5 11	16 57.37	− 4 21.0	1.844	2.770	10.2	20.2
5 21	16 49.50	− 3 58.3	1.816	2.783	7.6	20.1
5 31	16 40.68	− 3 49.5	1.814	2.795	6.5	20.0
6 10	16 31.87	− 3 56.4	1.838	2.807	7.6	20.1
6 20	16 23.94	− 4 18.9	1.888	2.819	10.1	20.3
6 30	16 17.63	− 4 55.8	1.961	2.831	12.8	20.5
7 10	16 13.43	− 5 44.4	2.054	2.842	15.3	20.7
86256 1999 TQ_{190}			6 1.7 282°83	6°0/ 4.0 18		
5 1	17 5.23	−40 45.1	2.321	3.146	12.3	19.3
5 11	16 58.99	−41 10.1	2.238	3.136	10.0	19.1
5 21	16 50.59	−41 20.5	2.177	3.126	7.7	18.9
5 31	16 40.86	−41 13.3	2.142	3.117	6.2	18.8
6 10	16 30.89	−40 48.0	2.133	3.107	6.4	18.8
6 20	16 21.76	−40 6.9	2.151	3.098	8.2	18.9
6 30	16 14.44	−39 14.3	2.193	3.088	10.6	19.0
7 10	16 9.56	−38 16.0	2.257	3.078	13.1	19.2

2020	α_{2000}	δ_{2000}	Δ	r	β	V
370426 2002 UL_{71}			6 1.7	179°.94	3°.4/ 2.7 17	
	h m	° ′			°	m
5 1	17 8.12	−31 6.2	1.872	2.731	13.3	21.3
5 11	17 1.15	−31 24.8	1.800	2.732	10.0	21.1
5 21	16 51.81	−31 33.0	1.751	2.733	6.4	20.9
5 31	16 41.04	−31 28.6	1.729	2.733	3.6	20.7
6 10	16 30.07	−31 11.8	1.733	2.733	4.7	20.8
6 20	16 20.10	−30 45.0	1.765	2.732	8.1	21.0
6 30	16 12.17	−30 12.8	1.821	2.731	11.7	21.2
7 10	16 6.93	−29 40.0	1.899	2.730	14.8	21.4
181150 2005 RD_{7}			6 1.7	142°.52	6°.9/29.1 18	
5 1	16 59.56	− 0 29.9	2.568	3.411	10.7	20.1
5 11	16 54.25	+ 0 32.7	2.513	3.418	8.8	20.0
5 21	16 47.68	+ 1 25.2	2.483	3.424	7.3	19.9
5 31	16 40.42	+ 2 4.1	2.479	3.429	6.9	19.9
6 10	16 33.14	+ 2 26.8	2.501	3.435	7.8	19.9
6 20	16 26.45	+ 2 32.7	2.549	3.440	9.4	20.0
6 30	16 20.91	+ 2 22.3	2.620	3.445	11.3	20.2
7 10	16 16.92	+ 1 57.5	2.710	3.450	13.1	20.3
84291 2002 TC_{32}			6 1.7	327°.49	1°.3/ 1.9 18	
5 1	17 2.13	−24 49.8	1.206	2.106	16.4	19.3
5 11	16 57.81	−24 58.3	1.131	2.088	12.0	19.0
5 21	16 50.40	−25 0.2	1.075	2.071	7.0	18.7
5 31	16 40.88	−24 54.3	1.042	2.055	1.8	18.3
6 10	16 30.79	−24 41.4	1.032	2.040	4.9	18.4
6 20	16 21.78	−24 24.3	1.045	2.026	10.5	18.7
6 30	16 15.31	−24 7.6	1.078	2.012	15.6	18.9
7 10	16 12.30	−23 55.6	1.129	2.000	20.1	19.2
67456 2000 QT_{179}			6 1.7	163°.74	4°.2/31.7 17	
5 1	17 6.02	−12 51.7	1.549	2.431	14.5	19.4
5 11	16 59.65	−12 26.2	1.487	2.433	10.7	19.2
5 21	16 50.97	−12 5.5	1.447	2.435	6.7	18.9
5 31	16 40.92	−11 52.2	1.433	2.437	4.2	18.8
6 10	16 30.73	−11 48.6	1.445	2.439	6.2	18.9
6 20	16 21.58	−11 56.1	1.481	2.440	10.1	19.1
6 30	16 14.45	−12 15.0	1.541	2.441	14.0	19.4
7 10	16 9.98	−12 44.5	1.620	2.442	17.3	19.6
93818 2000 WL_{62}			6 1.7	140°.57	5°.0/31.4 18	
5 1	17 4.11	− 7 46.4	2.050	2.915	12.2	19.3
5 11	16 57.77	− 7 30.0	1.990	2.923	9.2	19.1
5 21	16 49.74	− 7 21.7	1.954	2.930	6.5	19.0
5 31	16 40.74	− 7 23.6	1.945	2.937	5.0	18.9
6 10	16 31.67	− 7 36.9	1.963	2.944	6.2	19.0
6 20	16 23.39	− 8 1.7	2.007	2.950	8.9	19.2
6 30	16 16.65	− 8 37.2	2.077	2.956	11.8	19.4
7 10	16 11.93	− 9 21.8	2.167	2.962	14.4	19.5
185430 2006 XE_{22}			6 1.7	226°.04	0°.6/ 1.5 18	
5 1	17 2.07	−20 12.8	2.583	3.452	9.8	21.4
5 11	16 56.24	−20 12.1	2.500	3.444	7.0	21.2
5 21	16 48.89	−20 10.1	2.443	3.435	3.9	21.0
5 31	16 40.62	−20 7.1	2.413	3.426	0.8	20.7
6 10	16 32.17	−20 3.9	2.413	3.417	3.0	20.9
6 20	16 24.27	−20 1.5	2.441	3.407	6.2	21.1
6 30	16 17.60	−20 1.3	2.495	3.397	9.2	21.3
7 10	16 12.65	−20 4.5	2.572	3.387	11.8	21.4
503390 2016 CN_{148}			6 1.7	132°.16	0°.6/ 1.5 17	
5 1	17 6.98	−21 25.1	1.383	2.271	15.4	21.6
5 11	17 0.65	−21 15.3	1.321	2.274	11.1	21.4
5 21	16 51.64	−21 1.9	1.281	2.277	6.2	21.1
5 31	16 41.03	−20 45.4	1.266	2.279	1.0	20.8
6 10	16 30.25	−20 27.9	1.276	2.282	4.6	21.0
6 20	16 20.69	−20 12.2	1.310	2.284	9.6	21.3
6 30	16 13.52	−20 1.5	1.368	2.286	14.1	21.6
7 10	16 9.39	−19 58.2	1.444	2.289	17.9	21.8
177870 2005 QR_{46}			6 1.7	237°.82	0°.0/ 1.5 18	
5 1	17 1.91	−22 27.8	2.357	3.228	10.5	20.8
5 11	16 56.24	−22 24.5	2.278	3.223	7.6	20.6
5 21	16 48.93	−22 18.1	2.224	3.217	4.2	20.4
5 31	16 40.63	−22 8.9	2.197	3.211	0.6	20.1
6 10	16 32.16	−21 57.9	2.199	3.205	3.0	20.2
6 20	16 24.33	−21 46.5	2.229	3.199	6.5	20.5
6 30	16 17.88	−21 36.8	2.285	3.193	9.7	20.7
7 10	16 13.31	−21 30.4	2.363	3.186	12.5	20.8
468070 2013 ST_{72}			6 1.7	330°.89	2°.7/ 2.3 17	
5 1	17 2.58	−27 20.8	1.207	2.103	16.6	20.8
5 11	16 58.17	−27 38.0	1.133	2.088	12.4	20.5
5 21	16 50.61	−27 46.0	1.080	2.073	7.5	20.2
5 31	16 40.92	−27 42.7	1.049	2.059	3.0	19.9
6 10	16 30.70	−27 28.1	1.040	2.047	5.3	20.0
6 20	16 21.62	−27 5.4	1.055	2.035	10.5	20.2
6 30	16 15.16	−26 39.7	1.090	2.025	15.5	20.5
7 10	16 12.23	−26 16.6	1.143	2.015	19.8	20.7

2020	α_{2000}	δ_{2000}	Δ	r	β	V
390669 2002 SZ_{20}			6 1.7	200°.74	6°.2/ 3.7 16	
	h m	° ′			°	m
5 1	17 8.53	−40 49.9	2.421	3.239	12.1	21.7
5 11	17 1.33	−41 34.7	2.343	3.236	9.9	21.5
5 21	16 51.92	−42 5.7	2.288	3.232	7.7	21.4
5 31	16 41.09	−42 19.5	2.259	3.229	6.3	21.3
6 10	16 29.97	−42 14.8	2.257	3.225	6.6	21.3
6 20	16 19.67	−41 53.2	2.282	3.220	8.3	21.4
6 30	16 11.19	−41 18.5	2.332	3.215	10.5	21.5
7 10	16 5.20	−40 36.3	2.403	3.210	12.8	21.7
239332 2007 RE_{75}			6 1.7	167°.59	3°.0/31.7 17	
5 1	17 2.33	−14 53.9	1.956	2.834	12.0	20.6
5 11	16 56.67	−14 28.8	1.889	2.835	8.8	20.4
5 21	16 49.20	−14 5.8	1.845	2.835	5.3	20.2
5 31	16 40.68	−13 46.8	1.829	2.836	3.0	20.1
6 10	16 32.04	−13 34.0	1.839	2.836	4.8	20.2
6 20	16 24.19	−13 28.8	1.876	2.836	8.3	20.4
6 30	16 17.92	−13 32.4	1.937	2.836	11.6	20.6
7 10	16 13.76	−13 44.8	2.019	2.836	14.5	20.8
519988 2013 TS_{168}			6 1.7	196°.77	4°.3/ 2.4 17	
5 1	17 9.27	−31 40.9	1.949	2.803	13.1	21.7
5 11	17 2.09	−32 37.8	1.874	2.802	10.0	21.4
5 21	16 52.44	−33 26.3	1.823	2.800	6.7	21.2
5 31	16 41.18	−34 2.2	1.799	2.798	4.4	21.1
6 10	16 29.52	−34 23.7	1.803	2.796	5.4	21.2
6 20	16 18.72	−34 31.3	1.833	2.793	8.4	21.3
6 30	16 9.91	−34 28.3	1.888	2.790	11.7	21.5
7 10	16 3.82	−34 19.6	1.964	2.787	14.7	21.7
71400 2000 AF_{169}			6 1.7	132°.04	5°.4/31.4 18	
5 1	17 3.49	− 6 33.1	2.056	2.918	12.2	19.2
5 11	16 57.34	− 6 18.5	1.995	2.925	9.4	19.1
5 21	16 49.51	− 6 13.0	1.959	2.931	6.7	18.9
5 31	16 40.73	− 6 18.8	1.949	2.937	5.4	18.8
6 10	16 31.86	− 6 37.1	1.965	2.943	6.5	18.9
6 20	16 23.76	− 7 7.5	2.009	2.949	9.1	19.1
6 30	16 17.17	− 7 49.1	2.077	2.954	11.9	19.3
7 10	16 12.58	− 8 39.9	2.165	2.959	14.4	19.4
25360 1999 TK_{14}			6 1.7	204°.68	1°.3/ 1.3 18	
5 1	17 6.31	−19 19.3	1.960	2.833	12.3	19.1
5 11	16 59.62	−19 2.7	1.883	2.828	8.8	18.8
5 21	16 50.90	−18 44.2	1.830	2.823	5.0	18.6
5 31	16 40.94	−18 25.0	1.804	2.817	1.5	18.3
6 10	16 30.78	−18 6.8	1.807	2.810	4.0	18.5
6 20	16 21.43	−17 51.6	1.836	2.802	8.0	18.7
6 30	16 13.78	−17 41.8	1.891	2.794	11.7	18.9
7 10	16 8.44	−17 38.8	1.967	2.785	14.8	19.1
510964 2013 GO_{67}			6 1.7	271°.35	0°.2/ 1.6 18	
5 1	17 0.79	−22 19.6	2.372	3.246	10.4	21.7
5 11	16 55.40	−22 5.2	2.297	3.243	7.4	21.5
5 21	16 48.45	−21 47.5	2.246	3.240	4.1	21.3
5 31	16 40.58	−21 27.2	2.223	3.237	0.6	21.0
6 10	16 32.59	−21 5.7	2.228	3.234	3.0	21.2
6 20	16 25.26	−20 44.8	2.261	3.231	6.5	21.4
6 30	16 19.27	−20 26.8	2.319	3.227	9.6	21.6
7 10	16 15.11	−20 13.4	2.400	3.224	12.3	21.8
407665 2011 SN_{182}			6 1.7	216°.54	3°.3/ 2.5 16	
5 1	17 9.96	−29 52.1	1.635	2.501	14.6	22.8
5 11	17 2.85	−30 11.7	1.557	2.494	11.0	22.5
5 21	16 52.95	−30 20.9	1.502	2.487	6.9	22.3
5 31	16 41.27	−30 17.2	1.472	2.480	3.5	22.0
6 10	16 29.21	−30 0.4	1.469	2.471	4.9	22.1
6 20	16 18.21	−29 33.0	1.492	2.462	9.1	22.3
6 30	16 9.53	−29 0.1	1.539	2.453	13.2	22.6
7 10	16 3.92	−28 27.6	1.606	2.443	16.8	22.8
176456 2001 XS_{69}			6 1.7	183°.99	1°.1/ 1.3 18	
5 1	17 1.81	−19 17.7	2.437	3.309	10.2	21.5
5 11	16 56.05	−19 4.4	2.364	3.309	7.3	21.3
5 21	16 48.78	−18 49.9	2.316	3.309	4.1	21.1
5 31	16 40.63	−18 35.1	2.296	3.308	1.2	20.9
6 10	16 32.38	−18 21.4	2.305	3.308	3.3	21.0
6 20	16 24.76	−18 10.2	2.341	3.307	6.5	21.2
6 30	16 18.46	−18 3.0	2.404	3.305	9.5	21.4
7 10	16 13.93	−18 1.1	2.489	3.304	12.2	21.6
50014 2000 AO_{32}			6 1.7	11°.40	1°.0/ 1.5 17	
5 1	17 4.99	−19 47.0	1.446	2.335	14.8	18.9
5 11	16 59.18	−19 49.6	1.383	2.336	10.7	18.6
5 21	16 50.84	−19 51.4	1.341	2.336	6.0	18.3
5 31	16 40.95	−19 52.5	1.324	2.337	1.2	18.0
6 10	16 30.84	−19 54.0	1.333	2.338	4.5	18.3
6 20	16 21.82	−19 57.5	1.366	2.340	9.3	18.5
6 30	16 14.99	−20 4.9	1.422	2.341	13.7	18.8
7 10	16 11.04	−20 17.9	1.497	2.343	17.3	19.0

216931 1998 UM_{16} 6 1.7 238°05 2°4/31.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 1	17 4.98	−17 19.7	1.950	2.825	12.2	20.5
5 11	16 58.72	−16 46.2	1.866	2.811	8.9	20.3
5 21	16 50.44	−16 11.5	1.806	2.797	5.2	20.0
5 31	16 40.89	−15 37.7	1.773	2.782	2.4	19.8
6 10	16 31.08	−15 7.5	1.767	2.767	4.6	19.9
6 20	16 21.99	−14 43.3	1.789	2.751	8.5	20.1
6 30	16 14.54	−14 27.7	1.836	2.734	12.2	20.3
7 10	16 9.36	−14 22.0	1.903	2.717	15.4	20.5

222671 2001 YT_{20} 6 1.7 196°01 1°0/ 2.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 5.81	−25 45.7	2.106	2.972	11.8	21.7
5 11	16 59.19	−25 37.7	2.029	2.970	8.6	21.5
5 21	16 50.64	−25 23.3	1.976	2.967	4.9	21.3
5 31	16 40.92	−25 2.3	1.951	2.964	1.3	21.0
6 10	16 31.04	−24 36.1	1.954	2.960	3.4	21.1
6 20	16 21.99	−24 7.1	1.985	2.955	7.2	21.4
6 30	16 14.60	−23 38.5	2.042	2.950	10.7	21.6
7 10	16 9.47	−23 13.6	2.120	2.945	13.7	21.8

343571 2010 FX_{84} 6 1.7 70°99 1°0/ 1.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 2.73	−20 47.6	1.903	2.783	12.2	21.0
5 11	16 57.04	−20 23.6	1.835	2.784	8.8	20.7
5 21	16 49.45	−19 56.6	1.790	2.785	4.9	20.5
5 31	16 40.74	−19 27.9	1.772	2.785	1.1	20.2
6 10	16 31.93	−18 59.8	1.781	2.786	3.8	20.4
6 20	16 23.97	−18 34.9	1.817	2.786	7.8	20.7
6 30	16 17.70	−18 15.6	1.877	2.787	11.4	20.9
7 10	16 13.66	−18 3.7	1.959	2.788	14.5	21.1

70351 1999 RM_{182} 6 1.7 187°27 0°9/ 2.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 7.57	−25 20.8	1.954	2.821	12.5	20.4
5 11	17 0.56	−25 16.4	1.879	2.821	9.1	20.1
5 21	16 51.44	−25 5.6	1.829	2.820	5.2	19.9
5 31	16 41.04	−24 48.1	1.806	2.819	1.3	19.6
6 10	16 30.48	−24 25.1	1.811	2.816	3.6	19.8
6 20	16 20.82	−23 59.1	1.843	2.813	7.6	20.0
6 30	16 13.00	−23 33.7	1.901	2.810	11.3	20.2
7 10	16 7.62	−23 11.9	1.981	2.805	14.5	20.4

182693 2001 VW_{70} 6 1.7 223°00 1°3/ 1.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 1.96	−18 5.8	2.730	3.597	9.4	21.8
5 11	16 56.09	−17 57.7	2.645	3.587	6.8	21.6
5 21	16 48.81	−17 49.2	2.585	3.577	3.8	21.4
5 31	16 40.66	−17 41.2	2.554	3.566	1.3	21.2
6 10	16 32.34	−17 34.6	2.552	3.554	3.1	21.3
6 20	16 24.53	−17 30.6	2.579	3.542	6.2	21.5
6 30	16 17.86	−17 30.2	2.633	3.530	9.0	21.6
7 10	16 12.80	−17 34.4	2.709	3.517	11.5	21.8

101047 1998 QU_{100} 6 1.7 288°20 0°7/ 1.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 5.55	−23 35.2	1.538	2.422	14.4	19.8
5 11	16 59.85	−23 42.7	1.450	2.400	10.5	19.5
5 21	16 51.40	−23 45.7	1.384	2.378	6.0	19.2
5 31	16 41.08	−23 43.3	1.343	2.356	1.2	18.8
6 10	16 30.17	−23 35.9	1.328	2.334	4.3	18.9
6 20	16 20.08	−23 25.5	1.338	2.312	9.4	19.2
6 30	16 12.09	−23 15.6	1.370	2.290	14.0	19.4
7 10	16 7.07	−23 9.6	1.423	2.268	18.1	19.6

303716 2005 QU_{3} 6 1.7 266°43 5°0/ 3.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 5.10	−37 12.8	2.312	3.149	11.9	20.6
5 11	16 58.87	−37 37.7	2.226	3.138	9.4	20.4
5 21	16 50.56	−37 50.4	2.164	3.127	6.9	20.3
5 31	16 40.93	−37 48.1	2.128	3.115	5.1	20.1
6 10	16 31.02	−37 30.5	2.119	3.103	5.5	20.1
6 20	16 21.87	−36 59.4	2.136	3.092	7.7	20.3
6 30	16 14.42	−36 18.7	2.179	3.080	10.4	20.4
7 10	16 9.32	−35 33.4	2.244	3.068	13.0	20.6

307561 2003 EY_{56} 6 1.7 122°04 4°2/ 1.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 6.70	−10 4.2	1.784	2.654	13.4	20.3
5 11	16 59.89	−10 14.2	1.724	2.662	10.0	20.1
5 21	16 51.04	−10 32.5	1.687	2.670	6.4	19.9
5 31	16 41.00	−10 59.9	1.676	2.678	4.2	19.7
6 10	16 30.84	−11 36.4	1.693	2.686	5.7	19.8
6 20	16 21.59	−12 21.2	1.736	2.693	9.1	20.1
6 30	16 14.15	−13 13.1	1.804	2.700	12.5	20.3
7 10	16 9.10	−14 10.5	1.893	2.706	15.5	20.5

411851 2012 DV_{74} 6 1.7 171°15 4°3/31.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 5.89	−12 6.6	1.873	2.745	12.8	21.9
5 11	16 59.23	−11 28.2	1.809	2.749	9.5	21.7
5 21	16 50.64	−10 53.8	1.768	2.752	6.1	21.5
5 31	16 40.94	−10 26.3	1.754	2.755	4.3	21.4
6 10	16 31.15	−10 8.3	1.768	2.757	6.0	21.5
6 20	16 22.24	−10 1.4	1.808	2.758	9.3	21.7
6 30	16 15.05	−10 6.4	1.872	2.759	12.6	21.9
7 10	16 10.13	−10 22.8	1.957	2.758	15.5	22.1

461507 2003 QQ_{44} 6 1.7 322°35 7°1/ 2.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 1	17 3.23	−32 51.6	1.081	1.973	18.4	20.5
5 11	16 59.51	−33 54.6	0.996	1.943	14.5	20.2
5 21	16 51.88	−34 46.5	0.931	1.914	10.3	19.8
5 31	16 41.23	−35 19.8	0.885	1.886	7.2	19.5
6 10	16 29.37	−35 29.4	0.861	1.859	8.5	19.5
6 20	16 18.48	−35 15.4	0.858	1.833	13.0	19.6
6 30	16 10.69	−34 43.9	0.873	1.809	18.2	19.8
7 10	16 7.34	−34 4.3	0.903	1.786	22.9	20.0

255792 2006 ST_{7} 6 1.7 325°66 0°2/ 1.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 2.16	−20 13.5	1.115	2.021	16.9	19.6
5 11	16 58.13	−20 39.8	1.036	1.997	12.4	19.2
5 21	16 50.80	−21 7.8	0.975	1.973	7.0	18.8
5 31	16 41.05	−21 36.6	0.937	1.951	1.1	18.4
6 10	16 30.46	−22 5.3	0.921	1.929	5.2	18.6
6 20	16 20.78	−22 33.8	0.927	1.909	11.3	18.8
6 30	16 13.69	−23 3.7	0.953	1.890	16.9	19.1
7 10	16 10.31	−23 36.6	0.996	1.873	21.7	19.3

433399 2013 TQ_{19} 6 1.7 205°45 6°6/29.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 3.14	− 5 16.8	2.102	2.961	12.1	22.6
5 11	16 57.14	− 4 9.0	2.033	2.957	9.6	22.4
5 21	16 49.46	− 3 8.9	1.989	2.952	7.4	22.3
5 31	16 40.79	− 2 20.8	1.971	2.946	6.7	22.2
6 10	16 31.99	− 1 48.3	1.981	2.940	7.9	22.3
6 20	16 23.90	− 1 33.3	2.015	2.933	10.3	22.4
6 30	16 17.25	− 1 36.0	2.073	2.926	12.9	22.6
7 10	16 12.56	− 1 54.7	2.151	2.918	15.3	22.7

214218 2005 EV_{85} 6 1.7 96°95 4°9/31.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 5.07	−12 2.4	1.474	2.358	14.9	19.8
5 11	16 59.01	−11 26.5	1.418	2.365	11.0	19.6
5 21	16 50.65	−10 56.3	1.384	2.371	7.1	19.4
5 31	16 40.97	−10 35.2	1.375	2.378	4.9	19.3
6 10	16 31.22	−10 26.0	1.392	2.384	6.8	19.4
6 20	16 22.58	−10 30.1	1.433	2.390	10.6	19.6
6 30	16 16.01	−10 47.7	1.496	2.396	14.3	19.9
7 10	16 12.11	−11 17.4	1.578	2.402	17.6	20.1

204659 2006 CB_{18} 6 1.7 117°69 4°1/ 2.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 10.80	−31 44.3	1.484	2.351	15.8	20.6
5 11	17 3.43	−32 4.7	1.427	2.362	11.9	20.4
5 21	16 53.21	−32 11.7	1.391	2.374	7.7	20.1
5 31	16 41.35	−32 2.6	1.380	2.385	4.4	20.0
6 10	16 29.43	−31 38.0	1.395	2.396	5.5	20.1
6 20	16 18.94	−31 1.8	1.436	2.406	9.3	20.3
6 30	16 11.06	−30 20.1	1.499	2.416	13.3	20.6
7 10	16 6.43	−29 39.3	1.583	2.425	16.7	20.8

324982 2008 AL_{96} 6 1.7 232°21 4°2/ 2.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 9.12	−32 49.8	1.780	2.637	14.0	21.5
5 11	17 2.18	−33 10.1	1.698	2.627	10.7	21.2
5 21	16 52.59	−33 18.3	1.638	2.617	7.2	21.0
5 31	16 41.29	−33 11.4	1.604	2.606	4.4	20.8
6 10	16 29.61	−32 48.9	1.597	2.594	5.3	20.8
6 20	16 18.91	−32 13.7	1.615	2.582	8.8	21.0
6 30	16 10.38	−31 30.8	1.658	2.569	12.6	21.2
7 10	16 4.79	−30 46.5	1.722	2.556	15.9	21.4

500018 2011 QW_{63} 6 1.7 124°61 4°2/30.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 1.17	−11 47.0	2.134	3.008	11.4	21.4
5 11	16 55.68	−10 55.7	2.072	3.012	8.4	21.3
5 21	16 48.62	−10 8.0	2.034	3.016	5.6	21.1
5 31	16 40.68	− 9 26.8	2.022	3.020	4.2	21.0
6 10	16 32.70	− 8 55.2	2.039	3.024	5.7	21.1
6 20	16 25.45	− 8 35.1	2.081	3.027	8.5	21.3
6 30	16 19.61	− 8 27.3	2.148	3.031	11.4	21.5
7 10	16 15.67	− 8 31.6	2.236	3.034	13.9	21.7

11899 Weill 6 1.7 62°22 2°4/ 2.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 3.61	−28 38.6	2.271	3.133	11.2	18.0
5 11	16 57.62	−29 5.7	2.199	3.135	8.3	17.8
5 21	16 49.80	−29 26.4	2.152	3.137	5.1	17.6
5 31	16 40.87	−29 39.1	2.132	3.139	2.6	17.4
6 10	16 31.76	−29 43.6	2.140	3.141	3.7	17.5
6 20	16 23.37	−29 41.1	2.175	3.144	6.8	17.7
6 30	16 16.53	−29 34.0	2.236	3.146	9.8	17.9
7 10	16 11.78	−29 25.2	2.320	3.148	12.5	18.1

64472 2001 VE_{43} 6 1.7 224°08 0°8/ 1.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 8.36	−19 56.2	1.698	2.574	13.7	19.6
5 11	17 1.49	−19 59.0	1.618	2.564	9.9	19.3
5 21	16 52.16	−20 0.5	1.561	2.554	5.6	19.1
5 31	16 41.24	−20 0.8	1.531	2.544	1.1	18.7
6 10	16 29.93	−20 0.4	1.528	2.532	4.2	18.9
6 20	16 19.50	−20 1.0	1.551	2.520	8.8	19.2
6 30	16 11.04	−20 4.7	1.599	2.508	13.1	19.4
7 10	16 5.30	−20 13.5	1.667	2.494	16.7	19.6

98631 2000 WT_{100} 6 1.7 109°48 0°6/ 1.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 1	17 4.79	−24 28.3	1.859	2.735	12.7	20.5
5 11	16 58.58	−24 21.4	1.796	2.742	9.2	20.3
5 21	16 50.34	−24 8.9	1.756	2.749	5.2	20.0
5 31	16 40.95	−23 50.9	1.742	2.755	1.0	19.8
6 10	16 31.47	−23 29.1	1.756	2.762	3.5	20.0
6 20	16 22.96	−23 5.8	1.797	2.769	7.6	20.2
6 30	16 16.29	−22 44.3	1.862	2.775	11.3	20.5
7 10	16 11.99	−22 27.3	1.948	2.782	14.4	20.7

368995 2007 FN_{15} 6 1.7 127°34 1°8/ 2.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 7.10	−28 6.7	1.944	2.809	12.7	21.5
5 11	17 0.14	−27 59.3	1.883	2.822	9.3	21.3
5 21	16 51.16	−27 43.2	1.846	2.834	5.5	21.1
5 31	16 41.07	−27 18.1	1.835	2.846	2.0	20.9
6 10	16 30.97	−26 45.7	1.852	2.857	3.7	21.1
6 20	16 21.92	−26 9.0	1.897	2.868	7.4	21.3
6 30	16 14.77	−25 32.1	1.967	2.878	10.9	21.5
7 10	16 10.04	−24 58.8	2.059	2.888	13.9	21.8

263536 2008 FU_7 6 1.7 251°59 5°2/30.4 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 0.03	− 7 39.8	2.340	3.206	10.8	21.7
5 11	16 54.84	− 6 51.9	2.268	3.199	8.3	21.5
5 21	16 48.17	− 6 9.8	2.219	3.191	6.1	21.3
5 31	16 40.64	− 5 36.7	2.198	3.183	5.2	21.3
6 10	16 32.97	− 5 15.2	2.203	3.175	6.4	21.3
6 20	16 25.90	− 5 6.8	2.235	3.167	8.7	21.4
6 30	16 20.06	− 5 11.8	2.291	3.159	11.3	21.6
7 10	16 15.94	− 5 29.3	2.368	3.151	13.6	21.7

263964 2009 JU_6 6 1.7 45°70 3°6/ 1.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 6.39	−13 7.7	1.388	2.274	15.5	20.5
5 11	17 0.21	−13 16.9	1.328	2.278	11.4	20.3
5 21	16 51.45	−13 33.2	1.290	2.281	6.9	20.1
5 31	16 41.14	−13 57.5	1.277	2.285	3.6	19.9
6 10	16 30.62	−14 29.8	1.289	2.289	5.8	20.0
6 20	16 21.21	−15 9.7	1.326	2.293	10.2	20.3
6 30	16 14.04	−15 56.3	1.385	2.298	14.4	20.5
7 10	16 9.79	−16 48.6	1.463	2.302	18.0	20.8

103731 2000 CK_{102} 6 1.7 84°50 1°3/ 1.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 6.01	−20 4.7	1.548	2.432	14.3	20.2
5 11	16 59.59	−19 44.6	1.496	2.447	10.2	20.0
5 21	16 50.93	−19 22.4	1.467	2.462	5.7	19.7
5 31	16 41.04	−18 59.3	1.464	2.476	1.5	19.5
6 10	16 31.18	−18 37.9	1.486	2.491	4.4	19.7
6 20	16 22.52	−18 20.5	1.534	2.505	8.8	20.0
6 30	16 15.96	−18 9.8	1.606	2.519	12.8	20.3
7 10	16 12.07	−18 7.2	1.698	2.533	16.1	20.5

415788 2000 WZ_{176} 6 1.7 212°60 0°9/ 1.5 15

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 7.56	−20 16.6	1.981	2.851	12.3	22.9
5 11	17 0.60	−20 5.8	1.899	2.843	8.9	22.7
5 21	16 51.54	−19 52.7	1.841	2.834	5.0	22.4
5 31	16 41.17	−19 37.8	1.811	2.824	1.1	22.1
6 10	16 30.53	−19 22.4	1.809	2.814	3.8	22.3
6 20	16 20.67	−19 8.5	1.835	2.802	7.9	22.5
6 30	16 12.52	−18 58.5	1.887	2.790	11.7	22.7
7 10	16 6.72	−18 54.5	1.959	2.776	14.9	22.9

4668 Rayjay 6 1.7 245°32 3°5/ 3.2 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 4.28	−33 56.8	2.382	3.229	11.3	17.2
5 11	16 58.13	−34 1.1	2.297	3.220	8.6	17.0
5 21	16 50.11	−33 54.4	2.236	3.211	5.8	16.8
5 31	16 40.96	−33 35.5	2.202	3.201	3.7	16.7
6 10	16 31.61	−33 4.9	2.196	3.191	4.3	16.7
6 20	16 23.01	−32 25.0	2.217	3.181	6.9	16.9
6 30	16 15.98	−31 39.5	2.264	3.171	9.8	17.0
7 10	16 11.09	−30 52.8	2.333	3.160	12.5	17.2

497255 2005 GU_{201} 6 1.7 74°22 1°0/ 1.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 5.82	−20 49.9	1.437	2.325	15.0	21.5
5 11	16 59.70	−20 34.2	1.380	2.333	10.7	21.2
5 21	16 51.11	−20 15.5	1.346	2.341	6.0	21.0
5 31	16 41.10	−19 55.0	1.336	2.350	1.2	20.7
6 10	16 31.03	−19 34.8	1.352	2.358	4.5	20.9
6 20	16 22.18	−19 17.8	1.393	2.367	9.2	21.2
6 30	16 15.57	−19 6.8	1.457	2.375	13.5	21.5
7 10	16 11.81	−19 3.8	1.540	2.384	17.1	21.7

133732 2003 UK_{275} 6 1.7 278°75 0°1/ 1.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 3.17	−22 42.6	1.889	2.768	12.4	20.1
5 11	16 57.54	−22 28.4	1.811	2.759	8.9	19.9
5 21	16 49.86	−22 9.8	1.756	2.750	5.0	19.6
5 31	16 40.93	−21 47.3	1.727	2.741	0.7	19.3
6 10	16 31.77	−21 22.7	1.726	2.732	3.6	19.5
6 20	16 23.40	−20 58.6	1.751	2.723	7.8	19.7
6 30	16 16.74	−20 37.8	1.800	2.714	11.6	20.0
7 10	16 12.40	−20 22.8	1.871	2.705	14.9	20.1

383223 2006 AW_{55} 6 1.7 268°34 0°5/ 1.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 1	17 5.14	−24 23.9	1.872	2.746	12.7	21.0
5 11	16 59.12	−24 12.9	1.781	2.726	9.2	20.7
5 21	16 50.85	−23 55.7	1.713	2.706	5.3	20.5
5 31	16 41.09	−23 32.4	1.672	2.685	1.0	20.1
6 10	16 30.95	−23 4.4	1.658	2.664	3.7	20.3
6 20	16 21.54	−22 34.3	1.671	2.643	8.1	20.5
6 30	16 13.90	−22 5.8	1.709	2.622	12.1	20.7
7 10	16 8.74	−21 42.4	1.767	2.600	15.7	20.9

495306 2014 AW_{15} 6 1.7 50°46 5°9/ 2.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 19.06	− 3 31.3	0.969	1.843	21.6	20.3
5 11	17 10.32	− 5 23.0	0.912	1.851	16.5	20.0
5 21	16 57.55	− 7 47.5	0.875	1.859	10.8	19.7
5 31	16 42.12	−10 39.8	0.862	1.867	6.2	19.5
6 10	16 26.13	−13 47.8	0.875	1.875	7.8	19.6
6 20	16 11.80	−16 56.7	0.914	1.884	13.2	19.9
6 30	16 0.94	−19 55.3	0.975	1.893	18.5	20.3
7 10	15 54.49	−22 38.3	1.056	1.903	22.9	20.6

43044 1999 VR_{49} 6 1.7 243°45 1°1/ 2.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 4.12	−26 26.0	1.923	2.796	12.5	19.0
5 11	16 58.18	−26 11.0	1.848	2.792	9.1	18.8
5 21	16 50.19	−25 48.3	1.797	2.788	5.2	18.5
5 31	16 40.98	−25 18.1	1.771	2.784	1.4	18.3
6 10	16 31.60	−24 42.3	1.773	2.779	3.5	18.4
6 20	16 23.11	−24 3.9	1.802	2.775	7.5	18.6
6 30	16 16.38	−23 26.7	1.856	2.770	11.2	18.9
7 10	16 12.02	−22 54.3	1.931	2.766	14.4	19.1

146253 2000 YB_{50} 6 1.7 62°97 3°9/ 3.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 4.17	−35 32.8	2.204	3.051	12.1	19.4
5 11	16 57.96	−35 24.0	2.143	3.064	9.3	19.2
5 21	16 49.93	−35 2.1	2.105	3.077	6.3	19.0
5 31	16 40.92	−34 26.4	2.094	3.091	4.1	18.9
6 10	16 31.96	−33 38.6	2.109	3.104	4.5	19.0
6 20	16 23.99	−32 42.1	2.152	3.118	7.0	19.2
6 30	16 17.78	−31 41.8	2.221	3.131	9.9	19.4
7 10	16 13.79	−30 42.4	2.313	3.145	12.4	19.5

288787 2004 RF_{124} 6 1.7 267°37 0°0/ 1.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 2.94	−21 6.0	2.514	3.382	10.1	21.0
5 11	16 57.06	−21 24.2	2.422	3.365	7.3	20.8
5 21	16 49.51	−21 41.5	2.355	3.348	4.1	20.6
5 31	16 40.89	−21 57.4	2.317	3.330	0.6	20.2
6 10	16 31.96	−22 11.9	2.308	3.313	2.9	20.4
6 20	16 23.53	−22 25.4	2.327	3.295	6.4	20.6
6 30	16 16.34	−22 39.0	2.372	3.278	9.5	20.8
7 10	16 10.95	−22 53.9	2.441	3.260	12.3	20.9

500589 2012 UX_{99} 6 1.7 115°05 3°9/31.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 1.67	−12 32.6	2.192	3.064	11.1	21.5
5 11	16 55.98	−11 42.5	2.133	3.074	8.2	21.4
5 21	16 48.78	−10 55.4	2.099	3.083	5.4	21.2
5 31	16 40.76	−10 14.3	2.093	3.092	3.9	21.1
6 10	16 32.73	− 9 41.9	2.114	3.101	5.3	21.2
6 20	16 25.45	− 9 20.0	2.162	3.109	8.1	21.4
6 30	16 19.58	− 9 9.8	2.235	3.118	10.9	21.6
7 10	16 15.56	− 9 10.9	2.329	3.126	13.4	21.8

175857 1999 UZ_{59} 6 1.7 231°11 4°0/ 2.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 8.80	−31 32.4	1.725	2.587	14.2	20.4
5 11	17 2.02	−32 0.8	1.646	2.579	10.8	20.1
5 21	16 52.56	−32 18.6	1.590	2.571	7.1	19.9
5 31	16 41.36	−32 22.5	1.560	2.563	4.2	19.7
6 10	16 29.78	−32 11.9	1.555	2.554	5.3	19.7
6 20	16 19.18	−31 49.0	1.577	2.545	8.9	19.9
6 30	16 10.77	−31 18.4	1.623	2.535	12.7	20.1
7 10	16 5.32	−30 46.0	1.690	2.526	16.1	20.3

469559 2003 UA_{183} 6 1.7 275°16 0°3/ 1.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 3.99	−22 10.0	1.981	2.857	12.0	21.8
5 11	16 58.19	−21 59.7	1.889	2.835	8.7	21.5
5 21	16 50.29	−21 45.4	1.820	2.814	4.9	21.3
5 31	16 41.03	−21 27.7	1.778	2.791	0.8	20.9
6 10	16 31.39	−21 7.8	1.763	2.769	3.6	21.1
6 20	16 22.39	−20 48.0	1.776	2.746	7.8	21.3
6 30	16 15.01	−20 31.0	1.813	2.723	11.7	21.5
7 10	16 9.91	−20 19.4	1.871	2.700	15.1	21.7

500914 2013 PM_3 6 1.7 257°23 0°8/ 1.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 5.93	−22 3.0	1.907	2.781	12.5	21.3
5 11	16 59.61	−21 30.4	1.814	2.760	9.1	21.0
5 21	16 51.09	−20 52.0	1.745	2.738	5.1	20.7
5 31	16 41.15	−20 9.2	1.703	2.716	1.0	20.4
6 10	16 30.84	−19 24.4	1.688	2.693	4.0	20.6
6 20	16 21.26	−18 41.3	1.701	2.669	8.3	20.8
6 30	16 13.40	−18 3.6	1.739	2.645	12.3	21.0
7 10	16 7.96	−17 34.5	1.798	2.620	15.8	21.1

2020	α_{2000}	δ_{2000}	Δ	r	β	V
74218 1998 RW_{73}			6 1.7 100°.07	2°.0/ 2.4 18		
	h m	° ′			°	m
5 1	17 6.96	−28 3.2	1.610	2.484	14.4	18.5
5 11	17 0.43	−27 57.7	1.550	2.493	10.5	18.3
5 21	16 51.49	−27 42.4	1.512	2.502	6.2	18.1
5 31	16 41.18	−27 16.8	1.500	2.511	2.3	17.8
6 10	16 30.83	−26 42.8	1.514	2.519	4.2	18.0
6 20	16 21.68	−26 4.0	1.554	2.528	8.4	18.3
6 30	16 14.74	−25 25.4	1.618	2.536	12.4	18.5
7 10	16 10.59	−24 51.2	1.702	2.544	15.7	18.7
98824 2000 YS_{135}			6 1.7 181°.82	0°.3/ 1.8 17		
5 1	17 4.79	−23 36.6	2.173	3.042	11.4	20.9
5 11	16 58.43	−23 30.7	2.099	3.043	8.2	20.7
5 21	16 50.26	−23 20.4	2.051	3.043	4.6	20.5
5 31	16 41.02	−23 5.8	2.030	3.043	0.8	20.2
6 10	16 31.64	−22 48.2	2.037	3.042	3.2	20.4
6 20	16 23.04	−22 29.5	2.071	3.041	6.9	20.6
6 30	16 16.00	−22 12.2	2.132	3.040	10.3	20.8
7 10	16 11.08	−21 58.6	2.215	3.038	13.2	21.0
522804 2016 NC_{80}			6 1.7 311°.85	3°.8/31.4 17		
5 1	17 1.80	−13 45.2	1.795	2.677	12.7	21.5
5 11	16 56.51	−13 6.5	1.725	2.672	9.4	21.2
5 21	16 49.28	−12 30.3	1.679	2.667	5.9	21.0
5 31	16 40.88	−11 59.7	1.658	2.662	3.8	20.9
6 10	16 32.32	−11 37.5	1.664	2.658	5.7	21.0
6 20	16 24.56	−11 26.0	1.695	2.653	9.2	21.2
6 30	16 18.46	−11 26.1	1.750	2.649	12.7	21.4
7 10	16 14.60	−11 38.0	1.825	2.644	15.7	21.6
33678 1999 JW_{106}			6 1.7 6°.34	4°.8/ 2.8 18		
5 1	17 5.99	−32 1.0	1.479	2.352	15.5	18.9
5 11	17 0.23	−32 41.0	1.414	2.352	11.8	18.6
5 21	16 51.63	−33 9.2	1.371	2.353	7.9	18.4
5 31	16 41.25	−33 21.9	1.352	2.354	5.0	18.2
6 10	16 30.57	−33 18.2	1.357	2.355	6.0	18.3
6 20	16 21.07	−33 0.4	1.387	2.357	9.6	18.5
6 30	16 14.02	−32 33.7	1.440	2.360	13.5	18.7
7 10	16 10.14	−32 4.2	1.512	2.363	16.9	19.0
508240 2015 HK_{34}			6 1.7 285°.60	0°.4/ 1.6 17		
5 1	17 3.69	−20 55.7	1.871	2.750	12.5	21.0
5 11	16 57.96	−21 1.0	1.794	2.742	9.0	20.8
5 21	16 50.15	−21 4.6	1.740	2.734	5.0	20.5
5 31	16 41.02	−21 6.5	1.712	2.726	0.8	20.2
6 10	16 31.62	−21 7.2	1.712	2.717	3.7	20.4
6 20	16 22.98	−21 8.3	1.738	2.709	7.9	20.6
6 30	16 16.05	−21 11.4	1.788	2.701	11.7	20.8
7 10	16 11.46	−21 18.4	1.860	2.694	14.9	21.0
99721 2002 JN_{45}			6 1.7 322°.44	2°.6/ 2.4 17		
5 1	17 5.08	−28 10.3	1.299	2.187	16.2	19.5
5 11	16 59.80	−28 13.5	1.228	2.178	12.0	19.3
5 21	16 51.49	−28 5.8	1.178	2.170	7.3	19.0
5 31	16 41.24	−27 45.6	1.151	2.162	2.9	18.7
6 10	16 30.62	−27 14.1	1.148	2.154	5.0	18.8
6 20	16 21.22	−26 35.3	1.169	2.147	10.0	19.0
6 30	16 14.38	−25 55.4	1.212	2.141	14.7	19.3
7 10	16 10.90	−25 19.9	1.273	2.135	18.8	19.5
79129 Robkoldewey			6 1.7 210°.30	0°.5/ 1.9 18		
5 1	17 6.42	−24 25.3	2.034	2.902	12.1	19.6
5 11	16 59.77	−24 15.9	1.954	2.896	8.7	19.4
5 21	16 51.09	−24 0.9	1.898	2.890	4.9	19.1
5 31	16 41.16	−23 40.2	1.869	2.882	0.9	18.8
6 10	16 31.02	−23 15.3	1.869	2.874	3.4	19.0
6 20	16 21.69	−22 48.6	1.896	2.866	7.4	19.2
6 30	16 14.05	−22 23.2	1.949	2.857	11.1	19.4
7 10	16 8.73	−22 2.2	2.023	2.847	14.2	19.6
131653 2001 XO_{106}			6 1.7 205°.47	3°.5/ 2.4 17		
5 1	17 9.87	−29 10.3	1.521	2.392	15.2	19.9
5 11	17 2.98	−29 44.5	1.450	2.390	11.4	19.7
5 21	16 53.17	−30 9.6	1.401	2.387	7.2	19.4
5 31	16 41.50	−30 22.2	1.377	2.384	3.7	19.2
6 10	16 29.44	−30 21.3	1.379	2.381	5.2	19.3
6 20	16 18.52	−30 8.9	1.406	2.377	9.4	19.5
6 30	16 10.03	−29 49.8	1.457	2.373	13.6	19.8
7 10	16 4.77	−29 29.4	1.527	2.369	17.2	20.0
1660 Wood			6 1.7 88°.56	7°.8/29.4 18		
5 1	17 8.00	− 6 33.3	1.625	2.492	14.7	15.6
5 11	17 0.54	− 4 41.5	1.595	2.524	11.4	15.4
5 21	16 51.26	− 3 0.7	1.590	2.554	8.7	15.3
5 31	16 41.15	− 1 37.6	1.610	2.585	7.9	15.4
6 10	16 31.35	− 0 37.2	1.657	2.614	9.3	15.5
6 20	16 22.81	− 0 1.2	1.728	2.643	11.9	15.7
6 30	16 16.27	+ 0 11.3	1.822	2.671	14.6	16.0
7 10	16 12.12	+ 0 3.4	1.934	2.699	16.9	16.2

2020	α_{2000}	δ_{2000}	Δ	r	β	V
64650 2001 XT_{55}			6 1.7 257°.09	1°.5/ 1.3 18		
	h m	° ′			°	m
5 1	17 4.20	−19 21.8	1.754	2.636	13.0	19.6
5 11	16 58.38	−19 2.6	1.679	2.628	9.4	19.3
5 21	16 50.39	−18 41.5	1.626	2.620	5.3	19.1
5 31	16 41.07	−18 19.9	1.600	2.612	1.6	18.8
6 10	16 31.50	−17 59.9	1.600	2.604	4.3	19.0
6 20	16 22.78	−17 43.8	1.627	2.596	8.5	19.2
6 30	16 15.86	−17 34.0	1.677	2.587	12.5	19.4
7 10	16 11.40	−17 32.2	1.748	2.579	15.9	19.6
259377 2003 HQ_{38}			6 1.7 71°.29	8°.5/ 5.3 17		
5 1	17 10.76	−44 9.0	1.668	2.492	16.4	19.5
5 11	17 3.56	−44 34.4	1.609	2.502	13.5	19.3
5 21	16 53.37	−44 36.9	1.571	2.512	10.7	19.2
5 31	16 41.50	−44 12.0	1.555	2.522	8.8	19.1
6 10	16 29.65	−43 20.1	1.564	2.533	8.7	19.1
6 20	16 19.39	−42 6.2	1.596	2.543	10.5	19.2
6 30	16 11.90	−40 38.8	1.653	2.553	13.2	19.4
7 10	16 7.79	−39 7.3	1.730	2.563	15.9	19.6
230133 2001 OD_{78}			6 1.7 248°.86	5°.1/30.9 18		
5 1	16 59.37	− 3 20.8	2.895	3.743	9.5	20.5
5 11	16 54.18	− 3 5.2	2.820	3.735	7.5	20.4
5 21	16 47.78	− 2 57.9	2.770	3.728	5.8	20.2
5 31	16 40.67	− 3 0.7	2.746	3.720	5.1	20.2
6 10	16 33.45	− 3 14.8	2.751	3.712	5.9	20.2
6 20	16 26.67	− 3 40.3	2.782	3.704	7.7	20.3
6 30	16 20.88	− 4 16.4	2.839	3.695	9.7	20.4
7 10	16 16.49	− 5 1.8	2.918	3.687	11.6	20.6
342888 2008 YK_{85}			6 1.7 175°.72	0°.0/ 1.6 17		
5 1	17 3.80	−23 10.0	2.090	2.963	11.6	21.6
5 11	16 57.76	−22 55.4	2.018	2.964	8.3	21.4
5 21	16 49.91	−22 36.4	1.971	2.964	4.6	21.1
5 31	16 41.00	−22 13.5	1.952	2.965	0.7	20.8
6 10	16 31.97	−21 48.4	1.960	2.965	3.3	21.0
6 20	16 23.74	−21 23.4	1.995	2.965	7.1	21.3
6 30	16 17.11	−21 1.2	2.056	2.965	10.6	21.5
7 10	16 12.61	−20 44.1	2.139	2.965	13.5	21.7
33800 Gross			6 1.7 286°.96	9°.5/29.0 18		
5 1	17 0.01	+ 7 44.6	2.368	3.181	12.4	17.2
5 11	16 54.81	+ 8 31.2	2.308	3.176	10.9	17.1
5 21	16 48.19	+ 9 1.2	2.270	3.171	9.8	17.0
5 31	16 40.74	+ 9 10.8	2.255	3.167	9.5	17.0
6 10	16 33.18	+ 8 58.1	2.265	3.162	10.2	17.0
6 20	16 26.23	+ 8 23.3	2.298	3.158	11.6	17.1
6 30	16 20.50	+ 7 28.5	2.353	3.153	13.2	17.2
7 10	16 16.46	+ 6 17.3	2.427	3.149	14.9	17.3
67477 2000 RF_{10}			6 1.7 277°.74	4°.7/31.3 18		
5 1	17 4.77	−13 19.6	1.493	2.379	14.6	19.1
5 11	16 59.18	−12 35.6	1.411	2.359	10.9	18.8
5 21	16 51.04	−11 54.0	1.350	2.339	7.0	18.5
5 31	16 41.21	−11 18.7	1.315	2.318	4.7	18.3
6 10	16 30.91	−10 53.6	1.304	2.298	6.9	18.4
6 20	16 21.44	−10 41.9	1.318	2.277	11.1	18.6
6 30	16 13.95	−10 45.3	1.354	2.256	15.4	18.8
7 10	16 9.26	−11 3.7	1.408	2.235	19.2	19.0
170757 2004 CH_{19}			6 1.7 161°.12	0°.3/ 1.9 17		
5 1	17 3.29	−23 48.7	2.081	2.954	11.6	21.0
5 11	16 57.43	−23 40.3	2.010	2.955	8.4	20.7
5 21	16 49.74	−23 27.3	1.964	2.956	4.7	20.5
5 31	16 40.98	−23 9.9	1.944	2.957	0.8	20.2
6 10	16 32.10	−22 49.6	1.952	2.958	3.3	20.4
6 20	16 24.01	−22 28.5	1.988	2.959	7.1	20.7
6 30	16 17.52	−22 9.1	2.048	2.960	10.5	20.9
7 10	16 13.16	−21 54.0	2.131	2.960	13.4	21.1
504625 2008 UO_{357}			6 1.7 216°.66	5°.1/30.4 18		
5 1	17 2.44	− 7 31.6	2.402	3.261	10.8	22.3
5 11	16 56.56	− 6 44.2	2.325	3.253	8.3	22.2
5 21	16 49.18	− 6 2.3	2.274	3.244	6.1	22.0
5 31	16 40.90	− 5 29.2	2.249	3.234	5.1	21.9
6 10	16 32.47	− 5 7.4	2.253	3.224	6.3	22.0
6 20	16 24.62	− 4 58.4	2.284	3.213	8.7	22.1
6 30	16 18.02	− 5 2.5	2.339	3.202	11.3	22.3
7 10	16 13.16	− 5 19.1	2.415	3.190	13.6	22.4
313921 Daassou			6 1.7 261°.32	3°.6/30.8 18		
5 1	17 0.19	−11 58.4	2.628	3.496	9.7	20.7
5 11	16 54.92	−11 10.0	2.540	3.478	7.2	20.5
5 21	16 48.27	−10 23.4	2.478	3.459	4.8	20.3
5 31	16 40.77	− 9 41.3	2.443	3.440	3.6	20.2
6 10	16 33.08	− 9 6.2	2.437	3.421	5.0	20.2
6 20	16 25.89	− 8 40.3	2.458	3.402	7.5	20.4
6 30	16 19.80	− 8 24.7	2.505	3.382	10.2	20.5
7 10	16 15.29	− 8 19.9	2.574	3.362	12.5	20.6

357688 2005 NJ_{25} 6 1.7 240.°89 4.°5/30.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 1	17 0.70	− 9 3.1	2.399	3.265	10.6	21.5
5 11	16 55.34	− 8 26.3	2.323	3.256	8.0	21.4
5 21	16 48.51	− 7 54.6	2.271	3.248	5.6	21.2
5 31	16 40.80	− 7 30.6	2.247	3.238	4.5	21.1
6 10	16 32.94	− 7 16.5	2.250	3.229	5.7	21.2
6 20	16 25.64	− 7 13.5	2.280	3.219	8.2	21.3
6 30	16 19.57	− 7 22.0	2.335	3.210	10.9	21.5
7 10	16 15.20	− 7 41.4	2.411	3.200	13.3	21.6

100892 1998 HM_{125} 6 1.7 28.°17 6.°4/31.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 2.77	−10 38.6	1.178	2.076	16.8	18.8
5 11	16 57.76	− 9 50.7	1.132	2.083	12.6	18.6
5 21	16 50.15	− 9 11.5	1.105	2.091	8.5	18.4
5 31	16 41.06	− 8 46.1	1.100	2.100	6.4	18.3
6 10	16 31.93	− 8 38.0	1.119	2.109	8.3	18.4
6 20	16 24.10	− 8 48.5	1.160	2.120	12.2	18.7
6 30	16 18.63	− 9 16.7	1.221	2.130	16.2	19.0
7 10	16 16.11	− 9 59.5	1.299	2.142	19.7	19.2

469484 2002 TJ_{165} 6 1.7 222.°59 2.°1/31.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 2.77	−15 6.9	2.768	3.632	9.4	22.0
5 11	16 56.72	−14 54.4	2.680	3.620	6.8	21.8
5 21	16 49.26	−14 43.3	2.619	3.607	4.1	21.6
5 31	16 40.93	−14 34.7	2.586	3.594	2.1	21.5
6 10	16 32.42	−14 29.5	2.583	3.580	3.6	21.6
6 20	16 24.39	−14 28.9	2.609	3.565	6.4	21.7
6 30	16 17.48	−14 33.7	2.661	3.550	9.2	21.9
7 10	16 12.15	−14 44.4	2.736	3.534	11.6	22.0

307078 2002 AM_{68} 6 1.7 85.°76 2.°9/ 2.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 8.68	−29 50.0	1.377	2.254	16.2	20.7
5 11	17 1.99	−29 45.9	1.322	2.265	12.0	20.5
5 21	16 52.49	−29 28.8	1.288	2.276	7.3	20.3
5 31	16 41.41	−28 57.8	1.278	2.287	3.2	20.1
6 10	16 30.34	−28 15.0	1.294	2.298	4.9	20.2
6 20	16 20.74	−27 25.5	1.334	2.309	9.3	20.5
6 30	16 13.74	−26 35.7	1.397	2.320	13.6	20.7
7 10	16 9.95	−25 51.1	1.480	2.331	17.2	21.0

154466 2003 DO_{15} 6 1.7 356.°03 22.°3/23.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	16 58.63	+24 38.4	1.269	2.039	23.3	18.7
5 11	16 54.83	+26 26.0	1.238	2.033	22.7	18.6
5 21	16 48.55	+27 30.4	1.220	2.028	22.3	18.5
5 31	16 40.83	+27 42.7	1.215	2.024	22.4	18.5
6 10	16 33.00	+26 59.6	1.223	2.022	22.9	18.6
6 20	16 26.32	+25 23.8	1.244	2.022	23.8	18.6
6 30	16 21.82	+23 2.4	1.278	2.023	24.8	18.7
7 10	16 20.10	+20 6.5	1.323	2.026	25.9	18.8

138157 2000 EJ_{77} 6 1.7 188.°22 1.°9/ 1.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 6.35	−17 2.4	1.850	2.726	12.8	20.0
5 11	16 59.79	−17 0.5	1.779	2.725	9.2	19.7
5 21	16 51.14	−16 59.7	1.732	2.724	5.3	19.5
5 31	16 41.22	−17 0.9	1.712	2.723	2.0	19.3
6 10	16 31.10	−17 4.9	1.719	2.722	4.3	19.4
6 20	16 21.83	−17 12.9	1.753	2.719	8.3	19.7
6 30	16 14.32	−17 25.8	1.812	2.717	12.0	19.9
7 10	16 9.19	−17 44.6	1.892	2.714	15.2	20.1

243093 2007 RK 6 1.7 295.°92 0.°2/ 1.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 3.14	−24 0.9	1.824	2.704	12.7	20.2
5 11	16 57.61	−23 41.5	1.748	2.696	9.2	20.0
5 21	16 49.97	−23 16.1	1.694	2.688	5.2	19.7
5 31	16 41.05	−22 45.4	1.667	2.680	0.8	19.4
6 10	16 31.92	−22 11.5	1.666	2.673	3.6	19.6
6 20	16 23.65	−21 37.4	1.692	2.665	7.9	19.8
6 30	16 17.15	−21 6.7	1.742	2.658	11.8	20.0
7 10	16 13.05	−20 42.3	1.813	2.651	15.1	20.2

342279 2008 TF_{17} 6 1.7 294.°97 0.°5/ 1.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 3.21	−22 6.3	1.727	2.610	13.1	21.2
5 11	16 57.78	−21 45.9	1.648	2.598	9.5	21.0
5 21	16 50.13	−21 20.8	1.592	2.586	5.3	20.7
5 31	16 41.09	−20 52.2	1.561	2.574	0.9	20.4
6 10	16 31.77	−20 22.3	1.557	2.563	4.0	20.6
6 20	16 23.29	−19 53.9	1.579	2.551	8.4	20.8
6 30	16 16.64	−19 30.5	1.624	2.540	12.5	21.0
7 10	16 12.49	−19 14.5	1.690	2.528	16.0	21.2

265001 2003 ES_{35} 6 1.7 33.°38 5.°7/31.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 2.83	−10 4.0	1.393	2.282	15.3	20.0
5 11	16 57.52	− 9 30.6	1.343	2.290	11.5	19.7
5 21	16 49.93	− 9 5.9	1.314	2.299	7.8	19.6
5 31	16 41.04	− 8 53.5	1.309	2.308	5.8	19.5
6 10	16 32.11	− 8 55.8	1.328	2.318	7.4	19.6
6 20	16 24.30	− 9 13.4	1.371	2.328	11.0	19.8
6 30	16 18.55	− 9 45.4	1.436	2.339	14.6	20.1
7 10	16 15.45	−10 29.4	1.519	2.350	17.8	20.3

168941 2000 YO_{111} 6 1.7 254.°05 1.°6/ 1.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 1	17 7.06	−18 2.1	1.632	2.512	13.9	19.8
5 11	17 0.73	−18 5.2	1.550	2.499	10.1	19.5
5 21	16 51.88	−18 9.2	1.491	2.484	5.8	19.2
5 31	16 41.37	−18 14.5	1.457	2.469	1.7	18.9
6 10	16 30.41	−18 21.8	1.450	2.454	4.6	19.1
6 20	16 20.25	−18 32.1	1.469	2.438	9.2	19.3
6 30	16 12.05	−18 47.0	1.512	2.422	13.5	19.5
7 10	16 6.60	−19 7.7	1.574	2.406	17.3	19.7

321701 2010 FV_{10} 6 1.7 281.°82 2.°2/ 2.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 4.85	−27 33.0	1.888	2.759	12.8	20.5
5 11	16 58.93	−27 52.4	1.809	2.750	9.4	20.3
5 21	16 50.78	−28 5.1	1.753	2.742	5.7	20.1
5 31	16 41.19	−28 9.5	1.723	2.733	2.4	19.8
6 10	16 31.30	−28 5.5	1.720	2.724	4.0	19.9
6 20	16 22.21	−27 54.8	1.744	2.716	7.8	20.1
6 30	16 14.93	−27 40.4	1.792	2.707	11.5	20.3
7 10	16 10.16	−27 26.0	1.861	2.699	14.8	20.5

323543 2004 RX_{279} 6 1.7 210.°56 0.°9/ 1.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	16 59.96	−18 56.7	3.524	4.386	7.6	23.2
5 11	16 54.47	−18 40.6	3.437	4.378	5.4	23.0
5 21	16 47.92	−18 23.6	3.378	4.369	3.1	22.9
5 31	16 40.75	−18 6.3	3.347	4.359	1.0	22.7
6 10	16 33.47	−17 49.8	3.347	4.349	2.5	22.8
6 20	16 26.60	−17 35.2	3.377	4.338	4.9	22.9
6 30	16 20.59	−17 23.6	3.434	4.327	7.2	23.1
7 10	16 15.83	−17 16.0	3.515	4.315	9.2	23.2

414101 2007 TF_{281} 6 1.7 292.°84 4.°0/31.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 4.04	−16 39.9	1.328	2.223	15.5	20.9
5 11	16 58.88	−15 40.0	1.250	2.205	11.4	20.6
5 21	16 50.96	−14 37.6	1.194	2.187	6.9	20.3
5 31	16 41.25	−13 37.1	1.161	2.169	4.0	20.1
6 10	16 31.10	−12 44.0	1.153	2.151	6.7	20.2
6 20	16 21.92	−12 3.7	1.168	2.133	11.6	20.4
6 30	16 14.98	−11 39.7	1.204	2.116	16.2	20.6
7 10	16 11.06	−11 33.3	1.258	2.098	20.3	20.8

111352 2001 XC_{109} 6 1.7 88.°18 2.°3/ 1.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 2.38	−14 35.2	2.250	3.122	10.9	19.2
5 11	16 56.60	−14 37.7	2.185	3.129	7.9	19.0
5 21	16 49.24	−14 43.2	2.146	3.135	4.7	18.8
5 31	16 40.96	−14 52.4	2.133	3.142	2.4	18.7
6 10	16 32.58	−15 5.9	2.149	3.148	4.0	18.8
6 20	16 24.90	−15 24.2	2.192	3.154	7.1	19.0
6 30	16 18.59	−15 47.3	2.261	3.161	10.2	19.2
7 10	16 14.15	−16 15.5	2.352	3.167	12.8	19.4

335831 2007 LH_9 6 1.8 287.°98 3.°0/31.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 3.12	−18 18.7	1.762	2.645	12.9	20.8
5 11	16 57.65	−17 7.5	1.676	2.626	9.4	20.5
5 21	16 50.05	−15 51.2	1.614	2.606	5.6	20.3
5 31	16 41.11	−14 34.0	1.578	2.586	3.0	20.1
6 10	16 31.88	−13 20.8	1.569	2.567	5.4	20.2
6 20	16 23.45	−12 16.8	1.587	2.547	9.5	20.4
6 30	16 16.75	−11 26.1	1.628	2.527	13.4	20.5
7 10	16 12.44	−10 51.0	1.689	2.507	16.9	20.7

146233 2000 WG_{137} 6 1.8 66.°23 0.°9/ 1.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 1.46	−21 34.8	2.212	3.087	11.0	19.5
5 11	16 55.98	−20 57.9	2.142	3.089	7.8	19.3
5 21	16 48.90	−20 17.3	2.098	3.092	4.3	19.0
5 31	16 40.91	−19 34.5	2.081	3.094	1.0	18.8
6 10	16 32.87	−18 52.2	2.092	3.096	3.4	19.0
6 20	16 25.59	−18 13.1	2.131	3.099	6.9	19.2
6 30	16 19.74	−17 39.9	2.195	3.101	10.1	19.4
7 10	16 15.82	−17 14.4	2.281	3.104	12.9	19.6

483344 2016 QU_{77} 6 1.8 219.°67 1.°7/ 2.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 3.35	−28 57.4	2.207	3.071	11.4	20.6
5 11	16 57.45	−28 35.1	2.132	3.069	8.4	20.4
5 21	16 49.76	−28 3.7	2.080	3.068	5.0	20.1
5 31	16 41.05	−27 23.5	2.056	3.066	1.9	19.9
6 10	16 32.26	−26 36.4	2.059	3.064	3.3	20.0
6 20	16 24.29	−25 45.8	2.091	3.062	6.7	20.2
6 30	16 17.89	−24 55.5	2.148	3.060	10.0	20.4
7 10	16 13.60	−24 9.2	2.227	3.058	12.9	20.6

363217 2001 VT_{54} 6 1.8 258.°47 4.°2/ 2.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 10.09	−31 3.5	1.545	2.412	15.3	21.3
5 11	17 3.41	−31 34.0	1.459	2.395	11.6	21.0
5 21	16 53.63	−31 53.9	1.394	2.377	7.6	20.7
5 31	16 41.70	−31 59.1	1.354	2.358	4.4	20.5
6 10	16 29.11	−31 48.3	1.339	2.339	5.7	20.5
6 20	16 17.48	−31 23.4	1.350	2.320	9.9	20.7
6 30	16 8.27	−30 50.0	1.384	2.300	14.2	20.9
7 10	16 2.39	−30 14.6	1.438	2.279	18.1	21.1

428274 2007 DT_{91} 6 1.8 65.°60 2.°8/ 2.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 1	17 6.29	−29 17.3	1.644	2.517	14.2	21.4
5 11	17 0.11	−29 29.1	1.579	2.519	10.6	21.2
5 21	16 51.46	−29 31.0	1.535	2.522	6.5	20.9
5 31	16 41.33	−29 21.4	1.517	2.525	3.1	20.7
6 10	16 31.02	−29 1.1	1.524	2.528	4.5	20.8
6 20	16 21.82	−28 32.9	1.558	2.531	8.5	21.1
6 30	16 14.77	−28 1.5	1.615	2.533	12.4	21.3
7 10	16 10.53	−27 31.5	1.692	2.536	15.7	21.5

176533 2002 AP_{6} 6 1.8 225.°56 4.°3/31.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 1.52	− 8 33.1	2.444	3.307	10.5	20.7
5 11	16 55.93	− 8 12.6	2.368	3.300	8.0	20.5
5 21	16 48.87	− 7 58.1	2.318	3.293	5.6	20.4
5 31	16 40.93	− 7 51.7	2.294	3.286	4.3	20.3
6 10	16 32.84	− 7 54.8	2.298	3.279	5.5	20.3
6 20	16 25.30	− 8 8.0	2.330	3.271	7.9	20.5
6 30	16 18.98	− 8 31.3	2.386	3.264	10.6	20.6
7 10	16 14.35	− 9 3.7	2.465	3.256	12.9	20.8

250901 2005 VX_{101} 6 1.8 312.°14 1.°0/ 1.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 0.93	−21 27.2	2.019	2.899	11.6	19.6
5 11	16 55.86	−20 49.2	1.938	2.887	8.4	19.4
5 21	16 48.96	−20 6.8	1.881	2.875	4.7	19.2
5 31	16 40.96	−19 21.7	1.851	2.863	1.2	18.9
6 10	16 32.78	−18 36.7	1.848	2.852	3.7	19.1
6 20	16 25.32	−17 55.1	1.872	2.841	7.6	19.3
6 30	16 19.38	−17 20.0	1.920	2.830	11.2	19.5
7 10	16 15.54	−16 53.5	1.990	2.819	14.3	19.7

244747 2003 SU_{46} 6 1.8 250.°05 2.°2/ 1.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 6.73	−18 3.9	1.808	2.684	13.0	20.9
5 11	17 0.31	−17 35.7	1.718	2.665	9.5	20.6
5 21	16 51.60	−17 5.8	1.653	2.645	5.5	20.3
5 31	16 41.39	−16 35.9	1.613	2.624	2.2	20.1
6 10	16 30.76	−16 8.5	1.601	2.602	4.7	20.2
6 20	16 20.87	−15 46.4	1.616	2.580	9.0	20.4
6 30	16 12.74	−15 32.2	1.655	2.557	13.1	20.6
7 10	16 7.11	−15 27.7	1.715	2.534	16.6	20.8

280321 2003 RF_{21} 6 1.8 224.°56 6.°5/30.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 2.03	− 6 5.9	1.891	2.760	12.8	20.1
5 11	16 56.56	− 5 14.4	1.828	2.759	10.0	20.0
5 21	16 49.31	− 4 31.6	1.789	2.758	7.6	19.8
5 31	16 41.02	− 4 1.8	1.774	2.756	6.5	19.7
6 10	16 32.61	− 3 47.7	1.786	2.755	7.8	19.8
6 20	16 24.97	− 3 50.6	1.822	2.754	10.4	20.0
6 30	16 18.89	− 4 10.0	1.882	2.753	13.2	20.1
7 10	16 14.89	− 4 44.0	1.961	2.751	15.8	20.3

129757 1999 FX_{3} 6 1.8 159.°24 0.°5/ 1.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 8.38	−24 3.8	1.547	2.426	14.6	21.3
5 11	17 1.61	−23 58.5	1.482	2.430	10.6	21.1
5 21	16 52.30	−23 47.1	1.440	2.433	6.0	20.8
5 31	16 41.48	−23 29.4	1.423	2.436	1.1	20.5
6 10	16 30.51	−23 7.1	1.433	2.439	4.1	20.7
6 20	16 20.69	−22 43.2	1.468	2.442	8.8	21.0
6 30	16 13.12	−22 21.5	1.527	2.444	13.1	21.2
7 10	16 8.43	−22 5.5	1.606	2.445	16.7	21.5

460394 2014 SB_{87} 6 1.8 108.°25 2.°6/31.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 7.03	−18 11.2	1.507	2.391	14.6	21.1
5 11	17 0.41	−17 25.9	1.454	2.404	10.5	20.9
5 21	16 51.50	−16 39.3	1.424	2.417	6.1	20.7
5 31	16 41.35	−15 54.5	1.419	2.429	2.7	20.5
6 10	16 31.25	−15 15.1	1.441	2.442	5.2	20.7
6 20	16 22.37	−14 44.6	1.488	2.453	9.5	20.9
6 30	16 15.65	−14 25.4	1.558	2.465	13.5	21.2
7 10	16 11.62	−14 18.3	1.648	2.476	16.8	21.4

381417 2008 KJ_{11} 6 1.8 110.°24 2.°5/31.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	16 54.53	− 9 44.6	4.311	5.171	6.4	20.7
5 11	16 50.48	− 9 32.4	4.240	5.171	4.8	20.6
5 21	16 45.69	− 9 23.4	4.194	5.171	3.3	20.5
5 31	16 40.48	− 9 18.5	4.178	5.172	2.5	20.4
6 10	16 35.23	− 9 18.4	4.190	5.172	3.2	20.5
6 20	16 30.27	− 9 23.6	4.231	5.172	4.7	20.6
6 30	16 25.94	− 9 34.1	4.298	5.172	6.3	20.7
7 10	16 22.51	− 9 49.9	4.389	5.172	7.8	20.8

120089 2003 EA_{34} 6 1.8 258.°33 5.°6/30.6 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 0.56	− 6 41.6	2.220	3.085	11.3	20.4
5 11	16 55.34	− 5 59.0	2.151	3.081	8.8	20.2
5 21	16 48.59	− 5 23.7	2.107	3.077	6.5	20.1
5 31	16 40.93	− 4 58.7	2.089	3.072	5.6	20.0
6 10	16 33.16	− 4 46.6	2.097	3.068	6.7	20.0
6 20	16 26.01	− 4 48.4	2.132	3.064	9.1	20.2
6 30	16 20.17	− 5 3.9	2.190	3.059	11.7	20.3
7 10	16 16.12	− 5 31.9	2.269	3.055	14.1	20.5

324430 2006 SL_{393} 6 1.8 287.°63 1.°1/ 1.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 1	17 6.62	−23 35.7	1.517	2.400	14.6	20.7
5 11	17 0.72	−24 2.6	1.437	2.386	10.7	20.5
5 21	16 52.04	−24 26.5	1.378	2.372	6.2	20.2
5 31	16 41.50	−24 45.4	1.345	2.358	1.5	19.8
6 10	16 30.42	−24 58.7	1.338	2.344	4.3	20.0
6 20	16 20.22	−25 7.2	1.355	2.330	9.3	20.2
6 30	16 12.19	−25 13.4	1.396	2.317	13.8	20.4
7 10	16 7.18	−25 20.6	1.456	2.303	17.7	20.7

236500 2006 GA_{23} 6 1.8 102.°07 0.°2/ 1.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 5.55	−22 47.9	1.955	2.828	12.3	21.3
5 11	16 59.09	−22 52.5	1.897	2.842	8.8	21.2
5 21	16 50.71	−22 53.6	1.863	2.856	4.9	20.9
5 31	16 41.25	−22 51.0	1.855	2.869	0.8	20.7
6 10	16 31.76	−22 45.5	1.876	2.882	3.4	20.9
6 20	16 23.19	−22 38.8	1.923	2.895	7.3	21.2
6 30	16 16.37	−22 33.1	1.996	2.907	10.7	21.4
7 10	16 11.82	−22 30.6	2.090	2.919	13.7	21.6

478257 2011 UF_{391} 6 1.8 190.°92 5.°3/29.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	16 59.82	− 3 52.2	2.961	3.809	9.3	22.4
5 11	16 54.47	− 3 1.7	2.893	3.807	7.4	22.2
5 21	16 47.98	− 2 18.1	2.850	3.805	5.8	22.1
5 31	16 40.84	− 1 44.0	2.835	3.802	5.3	22.1
6 10	16 33.63	− 1 21.6	2.848	3.799	6.2	22.2
6 20	16 26.90	− 1 11.7	2.887	3.796	7.9	22.3
6 30	16 21.15	− 1 14.7	2.952	3.792	9.8	22.4
7 10	16 16.78	− 1 29.4	3.038	3.788	11.6	22.5

125898 2001 XU_{215} 6 1.8 307.°68 0.°3/ 1.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 4.46	−21 26.8	1.577	2.463	14.0	19.8
5 11	16 58.88	−21 28.8	1.504	2.455	10.1	19.6
5 21	16 50.88	−21 28.2	1.452	2.447	5.7	19.3
5 31	16 41.32	−21 25.0	1.426	2.440	0.9	19.0
6 10	16 31.44	−21 20.3	1.426	2.432	4.1	19.2
6 20	16 22.49	−21 15.8	1.451	2.425	8.8	19.4
6 30	16 15.54	−21 14.1	1.499	2.419	13.1	19.7
7 10	16 11.33	−21 17.3	1.568	2.412	16.7	19.9

425528 2010 OJ 6 1.8 290.°78 6.°2/ 1.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 11.40	− 5 56.8	1.508	2.372	15.8	20.5
5 11	17 4.40	− 6 21.5	1.405	2.337	12.4	20.2
5 21	16 54.34	− 7 3.6	1.325	2.302	8.7	19.9
5 31	16 41.92	− 8 5.7	1.269	2.266	6.2	19.7
6 10	16 28.41	− 9 27.7	1.241	2.230	7.8	19.7
6 20	16 15.30	−11 6.9	1.238	2.194	12.0	19.8
6 30	16 4.09	−12 59.0	1.260	2.157	16.7	20.0
7 10	15 55.93	−14 59.1	1.302	2.120	20.9	20.1

69622 1998 FS_{54} 6 1.8 161.°78 3.°9/ 2.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 9.42	−31 7.3	1.621	2.486	14.8	19.5
5 11	17 2.50	−31 32.3	1.554	2.489	11.1	19.2
5 21	16 52.89	−31 46.0	1.509	2.491	7.2	19.0
5 31	16 41.63	−31 45.5	1.489	2.494	4.1	18.8
6 10	16 30.13	−31 30.9	1.496	2.496	5.2	18.9
6 20	16 19.80	−31 4.7	1.528	2.497	8.9	19.1
6 30	16 11.81	−30 32.2	1.584	2.499	12.8	19.3
7 10	16 6.85	−29 59.1	1.660	2.500	16.2	19.6

233716 2008 SO_{129} 6 1.8 259.°28 3.°3/ 2.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 6.05	−30 31.5	1.871	2.735	13.2	20.7
5 11	16 59.87	−30 54.6	1.796	2.731	9.9	20.5
5 21	16 51.36	−31 8.4	1.743	2.726	6.3	20.3
5 31	16 41.40	−31 10.8	1.717	2.722	3.5	20.1
6 10	16 31.15	−31 1.5	1.717	2.717	4.6	20.1
6 20	16 21.80	−30 42.5	1.743	2.712	8.0	20.3
6 30	16 14.38	−30 17.7	1.794	2.708	11.6	20.5
7 10	16 9.56	−29 51.7	1.866	2.703	14.8	20.7

382975 2005 AL_{59} 6 1.8 161.°90 1.°7/ 2.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 5.37	−27 55.0	2.225	3.087	11.4	21.8
5 11	16 58.90	−27 53.3	2.154	3.091	8.4	21.6
5 21	16 50.61	−27 44.2	2.107	3.095	5.0	21.4
5 31	16 41.27	−27 27.3	2.088	3.099	1.9	21.2
6 10	16 31.83	−27 3.6	2.097	3.102	3.3	21.3
6 20	16 23.20	−26 35.4	2.134	3.105	6.7	21.5
6 30	16 16.19	−26 5.9	2.197	3.107	10.0	21.7
7 10	16 11.31	−25 38.4	2.283	3.109	12.8	21.9

7057 Al–Farabi 6 1.8 237.°09 3.°6/31.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 6.30	−14 55.3	1.596	2.477	14.1	17.5
5 11	17 0.11	−14 22.4	1.520	2.468	10.4	17.2
5 21	16 51.53	−13 51.1	1.467	2.457	6.4	17.0
5 31	16 41.44	−13 24.2	1.440	2.447	3.6	16.8
6 10	16 31.03	−13 4.7	1.439	2.436	5.8	16.9
6 20	16 21.52	−12 55.0	1.463	2.425	10.0	17.1
6 30	16 13.97	−12 56.8	1.510	2.413	14.1	17.3
7 10	16 9.08	−13 10.4	1.577	2.400	17.6	17.5

406353 2007 RK_{169} 6 1.8 28°.83 5°.5/31.5 17

2020	α_{2000} (h m)	δ_{2000} (° ′)	Δ	r	β (°)	V (m)
5 1	17 4.66	−11 49.6	1.263	2.156	16.3	20.1
5 11	16 59.15	−11 10.3	1.208	2.159	12.1	19.8
5 21	16 51.03	−10 37.7	1.174	2.161	7.9	19.6
5 31	16 41.35	−10 16.0	1.162	2.165	5.5	19.5
6 10	16 31.54	−10 8.4	1.175	2.168	7.6	19.6
6 20	16 22.93	−10 16.7	1.210	2.172	11.7	19.8
6 30	16 16.63	−10 40.4	1.267	2.176	15.8	20.1
7 10	16 13.29	−11 17.9	1.342	2.180	19.4	20.3

215208 2000 SC_{300} 6 1.8 255°.52 4°.0/30.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 0.71	−12 4.8	2.319	3.191	10.7	20.2
5 11	16 55.44	−11 12.3	2.242	3.181	7.9	20.0
5 21	16 48.67	−10 22.1	2.190	3.172	5.3	19.8
5 31	16 40.99	− 9 37.3	2.165	3.163	4.0	19.7
6 10	16 33.17	− 9 0.8	2.168	3.153	5.4	19.8
6 20	16 25.95	− 8 34.8	2.198	3.144	8.1	20.0
6 30	16 20.01	− 8 20.6	2.253	3.134	11.0	20.1
7 10	16 15.82	− 8 18.4	2.329	3.124	13.5	20.3

225794 2001 VO_{8} 6 1.8 223°.38 0°.0/ 1.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 6.09	−22 8.6	2.021	2.892	12.0	21.7
5 11	16 59.65	−22 11.3	1.940	2.884	8.7	21.4
5 21	16 51.16	−22 11.0	1.883	2.875	4.9	21.2
5 31	16 41.38	−22 7.5	1.853	2.866	0.7	20.9
6 10	16 31.32	−22 1.6	1.851	2.856	3.5	21.0
6 20	16 22.00	−21 54.7	1.876	2.846	7.5	21.3
6 30	16 14.33	−21 49.1	1.927	2.835	11.2	21.5
7 10	16 8.95	−21 47.1	1.999	2.824	14.4	21.7

9166 1987 SC_{6} 6 1.8 316°.03 0°.6/ 1.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 0.96	−21 3.9	1.996	2.876	11.7	17.2
5 11	16 55.99	−20 52.2	1.912	2.861	8.5	17.0
5 21	16 49.13	−20 37.9	1.851	2.846	4.7	16.7
5 31	16 41.07	−20 21.6	1.817	2.831	0.9	16.4
6 10	16 32.74	−20 5.0	1.810	2.816	3.6	16.6
6 20	16 25.08	−19 50.0	1.830	2.802	7.5	16.8
6 30	16 18.93	−19 38.8	1.874	2.788	11.2	17.0
7 10	16 14.93	−19 33.3	1.939	2.774	14.4	17.2

443023 2013 EM_{14} 6 1.8 101°.45 7°.6/29.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	16 59.72	+ 1 50.9	2.477	3.313	11.3	21.6
5 11	16 54.54	+ 2 42.4	2.425	3.321	9.4	21.5
5 21	16 48.07	+ 3 21.6	2.397	3.329	8.0	21.4
5 31	16 40.90	+ 3 45.1	2.394	3.336	7.6	21.4
6 10	16 33.70	+ 3 51.0	2.417	3.344	8.3	21.4
6 20	16 27.10	+ 3 39.0	2.464	3.351	9.9	21.5
6 30	16 21.69	+ 3 10.4	2.535	3.359	11.7	21.7
7 10	16 17.86	+ 2 27.7	2.625	3.366	13.4	21.8

55920 1998 FM_{43} 6 1.8 191°.50 4°.1/31.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 0.91	−11 11.8	2.278	3.149	10.9	19.6
5 11	16 55.56	−10 28.8	2.210	3.149	8.1	19.4
5 21	16 48.72	− 9 49.5	2.167	3.148	5.5	19.2
5 31	16 41.01	− 9 16.8	2.151	3.148	4.1	19.1
6 10	16 33.21	− 8 53.0	2.162	3.147	5.4	19.2
6 20	16 26.06	− 8 39.9	2.200	3.146	8.1	19.4
6 30	16 20.22	− 8 38.1	2.263	3.145	10.9	19.5
7 10	16 16.15	− 8 47.2	2.347	3.144	13.3	19.7

115038 2003 QK_{108} 6 1.8 238°.13 2°.2/ 1.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 6.75	−17 28.7	1.707	2.586	13.5	20.3
5 11	17 0.39	−17 9.3	1.626	2.574	9.8	20.0
5 21	16 51.70	−16 49.5	1.569	2.561	5.7	19.8
5 31	16 41.51	−16 31.0	1.538	2.548	2.3	19.5
6 10	16 30.97	−16 15.9	1.533	2.535	4.8	19.7
6 20	16 21.25	−16 6.3	1.555	2.521	9.1	19.9
6 30	16 13.40	−16 4.4	1.600	2.506	13.2	20.1
7 10	16 8.14	−16 11.3	1.666	2.491	16.8	20.3

436364 2010 KB_{39} 6 1.8 264°.93 0°.7/ 1.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 4.65	−18 54.9	2.027	2.902	11.9	21.2
5 11	16 58.57	−19 16.6	1.954	2.900	8.5	21.0
5 21	16 50.55	−19 39.1	1.905	2.898	4.8	20.7
5 31	16 41.33	−20 1.8	1.883	2.896	1.0	20.4
6 10	16 31.87	−20 24.6	1.889	2.894	3.5	20.6
6 20	16 23.13	−20 47.5	1.923	2.892	7.4	20.9
6 30	16 15.97	−21 11.5	1.981	2.891	10.9	21.1
7 10	16 10.99	−21 37.4	2.062	2.889	13.9	21.3

391673 2008 AC_{11} 6 1.8 165°.07 4°.9/31.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 1.63	− 6 57.8	2.354	3.215	10.9	21.4
5 11	16 56.03	− 6 33.3	2.288	3.217	8.4	21.2
5 21	16 48.97	− 6 16.2	2.247	3.219	6.1	21.1
5 31	16 41.07	− 6 8.8	2.233	3.220	4.9	21.0
6 10	16 33.08	− 6 12.5	2.246	3.222	6.0	21.1
6 20	16 25.71	− 6 27.7	2.286	3.223	8.3	21.2
6 30	16 19.61	− 6 54.2	2.351	3.224	10.9	21.4
7 10	16 15.24	− 7 30.5	2.437	3.225	13.2	21.5

21767 1999 RB_{209} 6 1.8 247°.72 3°.0/ 3.0 18

2020	α_{2000} (h m)	δ_{2000} (° ′)	Δ	r	β (°)	V (m)
5 1	17 3.62	−32 28.4	2.597	3.446	10.4	19.1
5 11	16 57.64	−32 34.0	2.509	3.434	7.9	18.9
5 21	16 49.96	−32 30.6	2.444	3.422	5.2	18.7
5 31	16 41.23	−32 17.0	2.408	3.409	3.1	18.6
6 10	16 32.30	−31 53.8	2.399	3.397	3.8	18.6
6 20	16 23.99	−31 22.6	2.418	3.384	6.4	18.8
6 30	16 17.07	−30 46.6	2.464	3.371	9.2	18.9
7 10	16 12.08	−30 9.4	2.533	3.357	11.7	19.1

442045 2010 RF_{19} 6 1.8 284°.27 2°.3/ 2.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 3.38	−30 2.4	2.248	3.109	11.4	21.3
5 11	16 57.71	−29 57.8	2.154	3.088	8.5	21.1
5 21	16 50.10	−29 44.2	2.083	3.068	5.3	20.9
5 31	16 41.26	−29 20.7	2.040	3.048	2.6	20.6
6 10	16 32.14	−28 48.2	2.024	3.027	3.7	20.7
6 20	16 23.67	−28 9.1	2.036	3.007	7.0	20.9
6 30	16 16.72	−27 27.2	2.073	2.986	10.3	21.0
7 10	16 11.93	−26 46.3	2.133	2.965	13.3	21.2

477745 2010 TW_{179} 6 1.8 312°.24 3°.6/ 2.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 4.00	−31 59.8	2.172	3.029	11.9	21.4
5 11	16 58.22	−32 30.3	2.093	3.022	9.0	21.2
5 21	16 50.41	−32 52.1	2.038	3.016	6.0	21.0
5 31	16 41.31	−33 2.8	2.008	3.009	3.8	20.9
6 10	16 31.93	−33 2.1	2.006	3.003	4.6	20.9
6 20	16 23.28	−32 51.3	2.031	2.996	7.4	21.1
6 30	16 16.27	−32 33.3	2.080	2.990	10.4	21.2
7 10	16 11.53	−32 12.2	2.152	2.984	13.2	21.4

322466 2011 US_{114} 6 1.8 281°.55 0°.3/ 1.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 3.50	−20 23.6	2.188	3.061	11.2	20.4
5 11	16 57.71	−20 42.4	2.105	3.050	8.1	20.2
5 21	16 50.08	−21 0.8	2.047	3.040	4.5	20.0
5 31	16 41.27	−21 18.3	2.016	3.029	0.7	19.7
6 10	16 32.16	−21 34.9	2.013	3.018	3.2	19.8
6 20	16 23.67	−21 51.0	2.037	3.008	7.0	20.1
6 30	16 16.60	−22 7.5	2.088	2.997	10.4	20.2
7 10	16 11.58	−22 25.9	2.160	2.987	13.4	20.4

185565 2008 AR_{42} 6 1.8 84°.47 2°.2/ 2.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 3.98	−30 14.7	2.165	3.026	11.7	19.9
5 11	16 57.91	−30 1.1	2.101	3.036	8.7	19.7
5 21	16 50.07	−29 37.9	2.061	3.046	5.3	19.5
5 31	16 41.24	−29 5.2	2.048	3.056	2.5	19.4
6 10	16 32.41	−28 24.5	2.063	3.066	3.5	19.4
6 20	16 24.49	−27 39.2	2.105	3.076	6.7	19.7
6 30	16 18.22	−26 53.0	2.173	3.086	9.9	19.9
7 10	16 14.09	−26 9.7	2.263	3.096	12.7	20.1

202271 2005 AK_{81} 6 1.8 132°.69 4°.8/31.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 4.60	− 7 41.8	2.041	2.905	12.2	19.9
5 11	16 58.33	− 7 38.8	1.978	2.910	9.3	19.7
5 21	16 50.32	− 7 44.5	1.939	2.916	6.4	19.6
5 31	16 41.29	− 8 0.5	1.927	2.921	4.8	19.5
6 10	16 32.15	− 8 27.5	1.942	2.926	6.0	19.5
6 20	16 23.77	− 9 5.1	1.984	2.931	8.8	19.7
6 30	16 16.91	− 9 51.9	2.051	2.935	11.7	19.9
7 10	16 12.09	−10 46.4	2.139	2.940	14.3	20.1

505334 2013 AT_{20} 6 1.8 71°.90 3°.5/ 3.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 5.65	−32 31.1	2.226	3.078	11.8	21.3
5 11	16 59.11	−32 56.7	2.173	3.099	8.9	21.1
5 21	16 50.74	−33 12.5	2.144	3.120	5.9	21.0
5 31	16 41.35	−33 16.7	2.141	3.141	3.7	20.9
6 10	16 31.95	−33 9.6	2.166	3.162	4.3	21.0
6 20	16 23.47	−32 53.2	2.219	3.183	6.9	21.2
6 30	16 16.70	−32 30.8	2.297	3.203	9.7	21.4
7 10	16 12.14	−32 6.3	2.397	3.224	12.2	21.6

309685 2008 EK_{153} 6 1.8 64°.88 2°.0/ 1.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 1.89	−15 52.4	2.235	3.110	10.9	20.2
5 11	16 56.34	−15 49.6	2.168	3.113	7.9	20.0
5 21	16 49.20	−15 48.7	2.126	3.116	4.6	19.8
5 31	16 41.12	−15 50.5	2.110	3.120	2.1	19.6
6 10	16 32.93	−15 56.0	2.123	3.123	3.8	19.8
6 20	16 25.41	−16 5.9	2.163	3.127	7.1	20.0
6 30	16 19.27	−16 20.8	2.228	3.131	10.2	20.2
7 10	16 15.00	−16 40.9	2.316	3.134	12.8	20.4

163384 2002 PV_{125} 6 1.8 260°.05 0°.6/ 2.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 4.71	−24 23.0	2.271	3.137	11.1	20.6
5 11	16 58.61	−24 23.2	2.175	3.117	8.1	20.3
5 21	16 50.61	−24 18.8	2.104	3.095	4.6	20.1
5 31	16 41.36	−24 9.6	2.061	3.074	1.0	19.8
6 10	16 31.77	−23 56.1	2.046	3.051	3.2	19.9
6 20	16 22.75	−23 40.0	2.059	3.029	6.9	20.1
6 30	16 15.17	−23 23.8	2.097	3.006	10.4	20.3
7 10	16 9.66	−23 10.1	2.159	2.982	13.5	20.4

504840 2010 RB_{128} 6 1.8 233°.95 0°.6/ 2.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 1	17 7.40	−25 9.0	1.776	2.648	13.3	22.1
5 11	17 0.86	−24 50.3	1.693	2.637	9.7	21.9
5 21	16 51.96	−24 23.9	1.633	2.625	5.6	21.6
5 31	16 41.57	−23 50.1	1.600	2.613	1.1	21.3
6 10	16 30.89	−23 10.8	1.594	2.601	3.8	21.4
6 20	16 21.10	−22 29.5	1.615	2.587	8.3	21.7
6 30	16 13.26	−21 50.7	1.661	2.573	12.4	21.9
7 10	16 8.05	−21 18.2	1.727	2.559	16.0	22.1

313066 2000 ST_{154} 6 1.8 213°.64 2°.9/ 2.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 10.13	−28 31.6	1.770	2.634	13.8	20.8
5 11	17 2.99	−29 3.0	1.692	2.628	10.3	20.6
5 21	16 53.23	−29 26.9	1.636	2.622	6.4	20.4
5 31	16 41.78	−29 40.3	1.607	2.614	3.1	20.1
6 10	16 29.92	−29 42.4	1.604	2.606	4.6	20.2
6 20	16 18.98	−29 34.6	1.629	2.598	8.5	20.4
6 30	16 10.13	−29 20.7	1.678	2.589	12.4	20.6
7 10	16 4.14	−29 5.3	1.748	2.579	15.8	20.8

66612 1999 RO_{199} 6 1.8 162°.68 1°.3/ 1.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 4.07	−19 28.1	2.431	3.299	10.4	19.2
5 11	16 57.74	−18 56.6	2.362	3.305	7.4	19.0
5 21	16 49.91	−18 23.1	2.319	3.310	4.2	18.8
5 31	16 41.24	−17 49.1	2.304	3.315	1.4	18.6
6 10	16 32.52	−17 16.6	2.318	3.320	3.4	18.8
6 20	16 24.51	−16 47.8	2.361	3.324	6.6	19.0
6 30	16 17.88	−16 24.8	2.429	3.327	9.6	19.2
7 10	16 13.06	−16 8.8	2.521	3.329	12.2	19.4

385156 2013 TM_{92} 6 1.8 157°.83 1°.6/ 1.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 4.65	−18 20.2	2.261	3.131	11.0	21.7
5 11	16 58.25	−17 54.8	2.195	3.138	7.9	21.5
5 21	16 50.23	−17 28.3	2.153	3.145	4.5	21.3
5 31	16 41.29	−17 2.3	2.140	3.151	1.7	21.2
6 10	16 32.30	−16 38.7	2.155	3.156	3.7	21.3
6 20	16 24.07	−16 19.3	2.198	3.161	7.1	21.5
6 30	16 17.30	−16 5.9	2.267	3.165	10.2	21.7
7 10	16 12.47	−15 59.7	2.358	3.169	12.9	21.9

55934 1998 FF_{73} 6 1.8 259°.91 17°.5/ 2.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 23.27	−51 48.0	1.210	2.013	22.5	18.9
5 11	17 16.01	−54 25.1	1.147	2.003	20.3	18.7
5 21	17 2.36	−56 36.1	1.100	1.993	18.5	18.6
5 31	16 43.39	−58 2.9	1.072	1.983	17.6	18.5
6 10	16 22.26	−58 33.3	1.063	1.973	17.9	18.4
6 20	16 3.09	−58 7.2	1.072	1.962	19.5	18.5
6 30	15 49.41	−56 56.8	1.098	1.952	21.7	18.6
7 10	15 42.77	−55 20.8	1.137	1.941	24.2	18.7

6242 1990 OJ_2 6 1.8 221°.93 0°.0/ 1.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 8.59	−22 11.5	1.665	2.541	13.9	17.6
5 11	17 1.85	−22 17.7	1.587	2.533	10.1	17.4
5 21	16 52.59	−22 20.7	1.532	2.525	5.7	17.1
5 31	16 41.71	−22 19.8	1.503	2.517	0.9	16.7
6 10	16 30.45	−22 15.7	1.501	2.508	4.0	16.9
6 20	16 20.11	−22 10.1	1.526	2.498	8.7	17.2
6 30	16 11.81	−22 5.8	1.574	2.487	13.0	17.4
7 10	16 6.29	−22 5.5	1.643	2.477	16.6	17.6

155152 2005 UE_{78} 6 1.8 85°.68 0°.4/ 1.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 5.50	−22 4.6	1.661	2.542	13.7	20.7
5 11	16 59.33	−21 48.1	1.603	2.552	9.8	20.5
5 21	16 50.99	−21 27.5	1.568	2.562	5.4	20.3
5 31	16 41.43	−21 3.8	1.559	2.573	0.9	20.0
6 10	16 31.84	−20 39.2	1.577	2.583	3.9	20.2
6 20	16 23.32	−20 16.4	1.620	2.593	8.3	20.5
6 30	16 16.78	−19 58.3	1.688	2.603	12.1	20.7
7 10	16 12.79	−19 47.2	1.776	2.613	15.4	21.0

374289 2005 QU_{104} 6 1.8 295°.02 4°.0/ 2.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 6.31	−31 45.9	1.548	2.419	15.0	20.7
5 11	17 0.58	−31 58.8	1.467	2.405	11.5	20.4
5 21	16 52.04	−31 59.1	1.407	2.391	7.5	20.2
5 31	16 41.64	−31 44.1	1.372	2.377	4.3	19.9
6 10	16 30.81	−31 13.9	1.362	2.363	5.4	20.0
6 20	16 21.00	−30 31.8	1.377	2.350	9.3	20.2
6 30	16 13.50	−29 43.7	1.415	2.337	13.5	20.4
7 10	16 9.11	−28 56.0	1.472	2.324	17.3	20.6

273858 2007 GP_{53} 6 1.8 298°.64 2°.1/ 2.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 5.58	−26 6.9	1.656	2.533	13.9	20.8
5 11	16 59.89	−26 35.5	1.572	2.518	10.3	20.5
5 21	16 51.61	−26 59.0	1.511	2.502	6.1	20.3
5 31	16 41.58	−27 15.1	1.475	2.486	2.3	20.0
6 10	16 31.05	−27 23.2	1.466	2.471	4.3	20.1
6 20	16 21.32	−27 24.1	1.482	2.456	8.7	20.3
6 30	16 13.60	−27 20.9	1.521	2.440	12.9	20.5
7 10	16 8.70	−27 17.2	1.581	2.426	16.6	20.7

213239 2000 YU_{82} 6 1.8 178°.97 1°.8/ 1.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 1	17 7.19	−18 36.4	1.785	2.661	13.1	21.2
5 11	17 0.50	−18 15.3	1.716	2.662	9.5	21.0
5 21	16 51.66	−17 53.0	1.671	2.664	5.4	20.8
5 31	16 41.56	−17 30.8	1.652	2.664	1.9	20.5
6 10	16 31.31	−17 11.0	1.661	2.664	4.3	20.7
6 20	16 21.98	−16 55.7	1.697	2.663	8.5	21.0
6 30	16 14.52	−16 47.1	1.757	2.662	12.3	21.2
7 10	16 9.53	−16 46.6	1.838	2.660	15.5	21.4

64072 2001 SU_{276} 6 1.8 318°.57 4°.9/ 2.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 4.52	−31 20.3	1.107	2.000	18.1	18.6
5 11	17 0.20	−31 42.3	1.031	1.980	13.9	18.2
5 21	16 52.24	−31 49.8	0.973	1.961	9.1	17.9
5 31	16 41.71	−31 38.5	0.936	1.943	5.2	17.6
6 10	16 30.43	−31 7.5	0.921	1.925	6.6	17.6
6 20	16 20.39	−30 20.9	0.928	1.908	11.6	17.8
6 30	16 13.32	−29 26.6	0.955	1.892	16.8	18.1
7 10	16 10.28	−28 33.5	0.998	1.877	21.5	18.3

468948 2015 AW_{19} 6 1.8 263°.28 3°.7/31.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 6.91	−13 56.8	1.580	2.460	14.3	21.5
5 11	17 0.77	−13 38.0	1.495	2.441	10.6	21.2
5 21	16 52.08	−13 22.8	1.432	2.421	6.6	20.9
5 31	16 41.66	−13 13.3	1.394	2.401	3.8	20.7
6 10	16 30.73	−13 11.8	1.382	2.380	6.0	20.8
6 20	16 20.55	−13 19.9	1.396	2.358	10.3	20.9
6 30	16 12.30	−13 38.8	1.432	2.336	14.6	21.1
7 10	16 6.81	−14 8.3	1.488	2.314	18.4	21.3

407952 2012 DC_8 6 1.8 156°.90 1°.0/ 2.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 9.53	−24 50.4	1.924	2.790	12.8	22.2
5 11	17 2.10	−24 57.6	1.858	2.798	9.3	22.0
5 21	16 52.53	−24 59.3	1.816	2.806	5.3	21.8
5 31	16 41.69	−24 54.6	1.801	2.813	1.3	21.5
6 10	16 30.74	−24 44.3	1.814	2.820	3.6	21.7
6 20	16 20.77	−24 30.4	1.855	2.825	7.6	21.9
6 30	16 12.70	−24 15.9	1.922	2.830	11.2	22.2
7 10	16 7.13	−24 4.0	2.010	2.834	14.3	22.4

58957 1998 QE_{91} 6 1.8 333°.00 14°.3/ 1.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 9.48	−50 38.9	1.604	2.403	18.0	18.3
5 11	17 4.54	−52 50.9	1.516	2.370	16.3	18.1
5 21	16 55.23	−54 44.9	1.447	2.339	15.0	17.9
5 31	16 42.27	−56 9.2	1.398	2.308	14.3	17.8
6 10	16 27.50	−56 55.3	1.370	2.278	14.8	17.7
6 20	16 13.45	−57 0.5	1.362	2.250	16.3	17.7
6 30	16 2.68	−56 29.7	1.372	2.223	18.4	17.8
7 10	15 56.87	−55 33.3	1.398	2.197	20.7	17.9

304383 2006 SZ_{392} 6 1.8 161°.11 0°.0/ 1.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 2.51	−22 25.6	2.571	3.438	9.9	21.5
5 11	16 56.67	−22 20.1	2.499	3.441	7.1	21.3
5 21	16 49.36	−22 11.6	2.453	3.445	3.9	21.1
5 31	16 41.21	−22 0.6	2.435	3.448	0.6	20.8
6 10	16 32.96	−21 48.0	2.446	3.451	2.8	21.0
6 20	16 25.34	−21 35.2	2.485	3.454	6.0	21.2
6 30	16 19.00	−21 24.0	2.550	3.456	8.9	21.4
7 10	16 14.40	−21 16.1	2.639	3.458	11.4	21.6

215143 1999 UN_{50} 6 1.8 282°.31 2°.7/ 1.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 5.89	−16 55.2	1.565	2.449	14.2	20.4
5 11	17 0.16	−16 32.8	1.473	2.422	10.5	20.1
5 21	16 51.81	−16 10.4	1.403	2.396	6.2	19.8
5 31	16 41.65	−15 49.8	1.358	2.368	2.8	19.5
6 10	16 30.88	−15 33.6	1.339	2.341	5.4	19.6
6 20	16 20.80	−15 24.3	1.346	2.313	10.1	19.8
6 30	16 12.65	−15 24.3	1.375	2.285	14.7	20.0
7 10	16 7.30	−15 35.1	1.423	2.256	18.7	20.2

86378 2000 AV_{18} 6 1.8 283°.82 1°.6/ 2.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 3.13	−27 17.6	2.375	3.239	10.7	19.8
5 11	16 57.49	−27 23.3	2.277	3.215	7.9	19.6
5 21	16 50.02	−27 23.1	2.204	3.192	4.7	19.3
5 31	16 41.35	−27 16.0	2.157	3.168	1.8	19.1
6 10	16 32.33	−27 2.6	2.139	3.144	3.3	19.2
6 20	16 23.86	−26 44.1	2.149	3.120	6.7	19.3
6 30	16 16.76	−26 23.4	2.185	3.095	10.0	19.5
7 10	16 11.65	−26 3.4	2.243	3.071	12.9	19.6

60172 1999 UY_{48} 6 1.8 324°.26 7°.7/ 4.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 7.40	−43 57.4	2.184	2.996	13.4	18.8
5 11	17 1.02	−44 46.3	2.108	2.991	11.2	18.6
5 21	16 52.14	−45 18.8	2.055	2.986	9.2	18.5
5 31	16 41.68	−45 30.4	2.025	2.981	7.8	18.4
6 10	16 30.89	−45 19.8	2.021	2.977	8.0	18.4
6 20	16 21.04	−44 48.8	2.041	2.973	9.4	18.4
6 30	16 13.24	−44 2.0	2.085	2.969	11.6	18.6
7 10	16 8.22	−43 6.0	2.151	2.965	13.8	18.7

255614 2006 PS_{17} 6 1.8 291°.44 1°.7/ 2.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 1	17 5.86	−26 49.4	1.448	2.331	15.2	20.2
5 11	17 0.34	−26 43.1	1.364	2.313	11.2	19.9
5 21	16 51.97	−26 27.2	1.303	2.295	6.6	19.6
5 31	16 41.68	−26 0.9	1.265	2.277	2.1	19.2
6 10	16 30.89	−25 25.5	1.252	2.259	4.5	19.4
6 20	16 21.07	−24 44.8	1.264	2.241	9.5	19.6
6 30	16 13.55	−24 4.4	1.299	2.224	14.3	19.8
7 10	16 9.16	−23 29.4	1.353	2.206	18.4	20.0

94764 2001 XQ_{99} 6 1.8 261°.52 1°.1/ 2.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 8.60	−24 45.5	1.548	2.426	14.7	19.4
5 11	17 2.23	−24 52.9	1.461	2.407	10.8	19.1
5 21	16 53.02	−24 54.4	1.396	2.388	6.3	18.8
5 31	16 41.85	−24 48.7	1.356	2.368	1.6	18.4
6 10	16 30.09	−24 36.1	1.342	2.348	4.3	18.6
6 20	16 19.19	−24 18.8	1.354	2.328	9.4	18.8
6 30	16 10.47	−24 0.8	1.389	2.306	14.0	19.0
7 10	16 4.82	−23 46.5	1.443	2.285	18.1	19.2

414164 2008 AW_{32} 6 1.8 196°.12 0°.6/ 1.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 7.79	−20 50.0	1.923	2.794	12.5	21.9
5 11	17 0.92	−20 45.4	1.847	2.791	9.1	21.7
5 21	16 51.93	−20 38.3	1.795	2.788	5.1	21.4
5 31	16 41.65	−20 29.1	1.771	2.784	0.9	21.1
6 10	16 31.13	−20 18.8	1.775	2.780	3.7	21.3
6 20	16 21.45	−20 9.2	1.806	2.774	7.9	21.6
6 30	16 13.54	−20 2.6	1.862	2.768	11.6	21.8
7 10	16 8.03	−20 1.1	1.939	2.762	14.8	22.0

34972 5039 T-$_2$ 6 1.8 66°.11 6°.3/ 4.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 6.85	−40 49.6	2.140	2.966	13.1	18.6
5 11	17 0.33	−41 14.4	2.075	2.974	10.6	18.4
5 21	16 51.59	−41 23.1	2.033	2.983	8.2	18.3
5 31	16 41.58	−41 13.1	2.016	2.991	6.5	18.2
6 10	16 31.49	−40 44.2	2.025	3.000	6.6	18.2
6 20	16 22.45	−39 59.5	2.060	3.008	8.4	18.3
6 30	16 15.40	−39 4.1	2.119	3.017	10.8	18.5
7 10	16 10.92	−38 4.1	2.200	3.026	13.2	18.7

261134 2005 TS_{47} 6 1.8 213°.94 6°.0/29.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 0.18	− 2 35.5	2.768	3.614	9.9	21.2
5 11	16 54.88	− 1 38.4	2.697	3.608	8.0	21.1
5 21	16 48.34	− 0 49.0	2.651	3.601	6.5	21.0
5 31	16 41.08	− 0 10.5	2.632	3.593	6.0	21.0
6 10	16 33.71	+ 0 14.5	2.641	3.585	6.9	21.0
6 20	16 26.83	+ 0 25.0	2.675	3.577	8.7	21.1
6 30	16 21.00	+ 0 20.8	2.734	3.569	10.7	21.2
7 10	16 16.62	+ 0 3.3	2.813	3.560	12.5	21.3

47025 1998 VT_{20} 6 1.8 284°.72 0°.3/ 1.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 4.34	−23 1.5	1.914	2.790	12.4	19.7
5 11	16 58.66	−23 6.4	1.824	2.770	9.0	19.4
5 21	16 50.81	−23 7.8	1.758	2.751	5.1	19.1
5 31	16 41.51	−23 5.2	1.718	2.731	0.9	18.8
6 10	16 31.80	−22 59.4	1.705	2.711	3.6	19.0
6 20	16 22.75	−22 51.8	1.719	2.691	7.8	19.2
6 30	16 15.37	−22 44.9	1.757	2.671	11.8	19.4
7 10	16 10.36	−22 41.2	1.817	2.652	15.2	19.6

228324 2000 QK_{212} 6 1.8 284°.52 3°.5/31.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 4.10	−14 43.9	1.743	2.623	13.2	21.1
5 11	16 58.58	−14 15.1	1.652	2.599	9.7	20.8
5 21	16 50.81	−13 47.8	1.585	2.575	6.0	20.5
5 31	16 41.51	−13 24.7	1.544	2.550	3.5	20.3
6 10	16 31.76	−13 8.3	1.528	2.526	5.6	20.4
6 20	16 22.67	−13 0.9	1.539	2.501	9.6	20.6
6 30	16 15.27	−13 4.4	1.573	2.475	13.6	20.7
7 10	16 10.32	−13 19.1	1.626	2.450	17.2	20.9

302411 2002 CL_{177} 6 1.8 62°.60 4°.4/ 3.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 4.79	−35 37.4	2.186	3.032	12.2	20.5
5 11	16 58.70	−35 49.5	2.119	3.038	9.5	20.4
5 21	16 50.64	−35 49.2	2.075	3.045	6.6	20.2
5 31	16 41.45	−35 34.8	2.057	3.051	4.6	20.1
6 10	16 32.18	−35 6.9	2.066	3.058	5.0	20.1
6 20	16 23.82	−34 28.0	2.102	3.064	7.4	20.3
6 30	16 17.21	−33 42.6	2.163	3.071	10.2	20.5
7 10	16 12.91	−32 55.5	2.246	3.078	12.8	20.7

442598 2012 DO_9 6 1.8 219°.96 6°.4/29.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	16 59.21	+ 0 51.9	2.932	3.766	9.8	21.3
5 11	16 54.15	+ 1 29.5	2.863	3.760	8.1	21.1
5 21	16 47.93	+ 1 57.4	2.818	3.754	6.8	21.0
5 31	16 41.03	+ 2 12.6	2.800	3.748	6.4	21.0
6 10	16 34.04	+ 2 13.7	2.808	3.741	7.1	21.0
6 20	16 27.50	+ 2 0.3	2.842	3.734	8.6	21.1
6 30	16 21.94	+ 1 33.0	2.900	3.727	10.3	21.2
7 10	16 17.73	+ 0 53.5	2.980	3.720	12.0	21.3

147676 2004 MH_3 6 1.8 40°.87 0°.8/ 2.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 1	17 5.46	−28 7.3	1.393	2.277	15.6	18.5
5 11	16 59.57	−27 4.9	1.339	2.288	11.3	18.2
5 21	16 51.20	−25 49.1	1.307	2.300	6.4	18.0
5 31	16 41.53	−24 22.8	1.299	2.312	1.4	17.7
6 10	16 32.00	−22 52.1	1.318	2.325	4.2	17.9
6 20	16 23.87	−21 24.3	1.361	2.338	9.0	18.2
6 30	16 18.10	−20 6.1	1.428	2.352	13.3	18.5
7 10	16 15.21	−19 2.1	1.515	2.365	16.9	18.8

195603 2002 KO_2 6 1.8 62°.48 5°.1/30.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 3.01	−12 1.7	1.663	2.545	13.6	19.7
5 11	16 57.40	−10 53.5	1.612	2.557	10.1	19.5
5 21	16 49.88	− 9 49.7	1.585	2.569	6.8	19.4
5 31	16 41.33	− 8 54.9	1.584	2.581	5.1	19.3
6 10	16 32.82	− 8 13.1	1.608	2.594	6.8	19.4
6 20	16 25.31	− 7 46.9	1.658	2.607	10.1	19.6
6 30	16 19.59	− 7 37.2	1.730	2.619	13.3	19.9
7 10	16 16.17	− 7 42.8	1.822	2.632	16.1	20.1

337207 1999 XA_{245} 6 1.8 217°.61 0°.3/ 1.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 5.00	−25 26.6	2.330	3.194	10.9	21.2
5 11	16 58.64	−24 52.9	2.246	3.186	7.9	21.0
5 21	16 50.56	−24 12.1	2.187	3.178	4.5	20.8
5 31	16 41.46	−23 25.2	2.156	3.169	0.8	20.5
6 10	16 32.22	−22 34.4	2.154	3.160	3.0	20.7
6 20	16 23.71	−21 42.9	2.180	3.150	6.7	20.9
6 30	16 16.68	−20 54.4	2.233	3.139	10.0	21.1
7 10	16 11.65	−20 11.8	2.309	3.128	12.9	21.3

415698 1996 TD_{31} 6 1.8 311°.23 5°.8/ 2.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 7.29	−30 24.0	1.234	2.118	17.2	20.5
5 11	17 2.33	−31 36.6	1.146	2.090	13.3	20.2
5 21	16 53.63	−32 43.5	1.078	2.062	9.0	19.8
5 31	16 42.05	−33 37.6	1.032	2.035	5.9	19.6
6 10	16 29.22	−34 13.5	1.010	2.008	7.4	19.6
6 20	16 17.16	−34 29.6	1.010	1.982	12.0	19.7
6 30	16 7.85	−34 29.8	1.030	1.956	17.0	19.9
7 10	16 2.61	−34 21.3	1.067	1.931	21.5	20.1

481246 2005 WJ_{146} 6 1.8 279°.78 0°.6/ 2.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 2.33	−26 23.1	2.315	3.182	10.8	21.5
5 11	16 56.76	−25 45.1	2.231	3.173	7.9	21.3
5 21	16 49.52	−24 59.3	2.173	3.164	4.5	21.1
5 31	16 41.30	−24 6.8	2.142	3.155	1.0	20.8
6 10	16 32.97	−23 10.2	2.139	3.145	3.0	20.9
6 20	16 25.34	−22 12.8	2.165	3.136	6.6	21.2
6 30	16 19.16	−21 18.3	2.217	3.127	9.9	21.3
7 10	16 14.92	−20 30.0	2.291	3.118	12.7	21.5

415380 2013 LA_{27} 6 1.8 234°.37 9°.2/30.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 4.80	− 2 30.2	1.495	2.363	15.7	20.7
5 11	16 59.03	− 1 30.2	1.436	2.360	12.7	20.5
5 21	16 50.97	− 0 44.5	1.397	2.357	10.2	20.3
5 31	16 41.55	− 0 18.9	1.382	2.354	9.2	20.3
6 10	16 31.92	− 0 17.2	1.390	2.350	10.5	20.3
6 20	16 23.26	− 0 40.1	1.422	2.347	13.2	20.5
6 30	16 16.56	− 1 25.5	1.474	2.344	16.3	20.7
7 10	16 12.45	− 2 29.1	1.544	2.340	19.2	20.9

134808 2000 EO_{165} 6 1.8 325°.28 8°.0/ 3.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 6.20	−39 50.7	1.652	2.498	15.5	18.9
5 11	17 0.79	−40 48.3	1.571	2.482	12.7	18.7
5 21	16 52.34	−41 29.9	1.511	2.466	9.9	18.5
5 31	16 41.81	−41 49.8	1.474	2.451	8.1	18.4
6 10	16 30.68	−41 45.2	1.461	2.437	8.5	18.3
6 20	16 20.55	−41 17.5	1.472	2.423	10.8	18.4
6 30	16 12.84	−40 32.5	1.505	2.410	13.9	18.6
7 10	16 8.48	−39 38.1	1.557	2.398	17.0	18.8

169954 2002 TX_{87} 6 1.8 194°.05 0°.5/ 2.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 3.91	−24 15.3	2.178	3.048	11.3	20.7
5 11	16 57.97	−24 9.1	2.104	3.047	8.2	20.5
5 21	16 50.24	−23 58.1	2.054	3.046	4.6	20.3
5 31	16 41.44	−23 42.5	2.031	3.045	0.9	20.0
6 10	16 32.50	−23 23.4	2.037	3.043	3.1	20.2
6 20	16 24.29	−23 2.9	2.070	3.041	6.8	20.4
6 30	16 17.62	−22 43.5	2.129	3.039	10.2	20.6
7 10	16 13.02	−22 27.7	2.209	3.037	13.1	20.8

353451 2011 QZ_{98} 6 1.8 185°.23 4°.0/31.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 1.85	−10 35.4	2.245	3.114	11.1	20.7
5 11	16 56.33	−10 10.0	2.176	3.114	8.3	20.5
5 21	16 49.27	− 9 49.6	2.133	3.114	5.5	20.4
5 31	16 41.29	− 9 36.4	2.116	3.113	4.0	20.3
6 10	16 33.20	− 9 32.0	2.126	3.113	5.3	20.3
6 20	16 25.76	− 9 37.3	2.164	3.112	8.0	20.5
6 30	16 19.65	− 9 52.7	2.226	3.112	10.9	20.7
7 10	16 15.36	−10 17.3	2.309	3.111	13.4	20.9

2020	α_{2000}	δ_{2000}	Δ	r	β	V
1190 Pelagia		6 1.8 185°.11	1°.3/ 2.2 18			
	h m	° ′			°	m
5 1	17 7.87	−25 49.4	1.883	2.752	12.9	17.0
5 11	17 1.09	−25 55.5	1.811	2.752	9.4	16.8
5 21	16 52.09	−25 55.3	1.761	2.752	5.5	16.6
5 31	16 41.75	−25 48.0	1.739	2.751	1.6	16.3
6 10	16 31.20	−25 34.2	1.744	2.750	3.7	16.5
6 20	16 21.56	−25 16.1	1.776	2.748	7.7	16.7
6 30	16 13.81	−24 57.0	1.834	2.746	11.5	16.9
7 10	16 8.56	−24 40.3	1.912	2.743	14.7	17.1
179428 2002 AF_{58}		6 1.8 150°.12	2°.9/ 3.1 18			
5 1	17 3.92	−32 7.7	2.360	3.213	11.2	19.9
5 11	16 57.94	−32 6.4	2.287	3.215	8.4	19.7
5 21	16 50.20	−31 55.3	2.238	3.217	5.4	19.5
5 31	16 41.44	−31 33.6	2.215	3.219	3.1	19.4
6 10	16 32.60	−31 2.3	2.221	3.221	3.8	19.4
6 20	16 24.53	−30 23.9	2.254	3.222	6.6	19.6
6 30	16 18.01	−29 42.0	2.313	3.224	9.5	19.8
7 10	16 13.54	−29 0.4	2.395	3.225	12.1	20.0
192557 1998 UE_{13}		6 1.8 117°.80	0°.4/ 1.7 18			
5 1	17 8.15	−22 8.9	1.372	2.258	15.7	20.7
5 11	17 1.70	−21 55.5	1.313	2.264	11.3	20.5
5 21	16 52.56	−21 37.4	1.275	2.270	6.3	20.2
5 31	16 41.83	−21 15.3	1.262	2.276	1.0	19.8
6 10	16 30.96	−20 51.6	1.275	2.281	4.5	20.1
6 20	16 21.38	−20 29.4	1.312	2.287	9.5	20.4
6 30	16 14.21	−20 12.4	1.372	2.292	14.0	20.7
7 10	16 10.09	−20 3.2	1.451	2.296	17.8	20.9
291623 2006 HM_{7}		6 1.8 0°.23	3°.3/31.7 17			
5 1	16 59.11	−19 56.7	0.940	1.858	18.1	19.3
5 11	16 55.91	−18 47.2	0.887	1.854	13.1	18.9
5 21	16 49.58	−17 31.5	0.853	1.852	7.6	18.6
5 31	16 41.37	−16 15.9	0.840	1.851	3.3	18.4
6 10	16 32.98	−15 8.3	0.847	1.852	6.7	18.6
6 20	16 26.04	−14 15.6	0.876	1.855	12.3	18.9
6 30	16 21.83	−13 42.4	0.923	1.859	17.4	19.2
7 10	16 21.02	−13 29.6	0.986	1.864	21.7	19.5
497425 2005 XK		6 1.8 182°.95	1°.5/ 1.2 17			
5 1	17 5.36	−20 4.1	2.213	3.082	11.2	22.9
5 11	16 58.87	−19 19.9	2.140	3.083	8.0	22.7
5 21	16 50.68	−18 32.5	2.091	3.083	4.5	22.4
5 31	16 41.53	−17 43.7	2.071	3.083	1.5	22.2
6 10	16 32.29	−16 56.4	2.080	3.082	3.7	22.4
6 20	16 23.84	−16 13.6	2.117	3.080	7.3	22.6
6 30	16 16.89	−15 38.1	2.180	3.078	10.6	22.8
7 10	16 11.96	−15 11.7	2.265	3.075	13.4	23.0
257228 2009 DP_{50}		6 1.8 329°.94	2°.5/ 1.2 17			
5 1	17 2.56	−18 43.8	1.176	2.079	16.5	20.4
5 11	16 58.17	−18 14.6	1.107	2.067	12.0	20.1
5 21	16 50.84	−17 43.4	1.059	2.055	6.9	19.8
5 31	16 41.59	−17 13.0	1.032	2.044	2.6	19.5
6 10	16 31.93	−16 47.0	1.029	2.034	5.7	19.7
6 20	16 23.39	−16 29.1	1.048	2.025	11.1	19.9
6 30	16 17.28	−16 22.4	1.088	2.016	16.1	20.2
7 10	16 14.43	−16 28.3	1.145	2.008	20.4	20.4
142221 2002 RL_{73}		6 1.8 345°.18	4°.7/31.5 18			
5 1	17 2.19	−14 15.3	1.233	2.132	16.1	19.5
5 11	16 57.64	−13 29.5	1.170	2.126	11.9	19.2
5 21	16 50.41	−12 46.6	1.129	2.120	7.5	18.9
5 31	16 41.52	−12 11.3	1.110	2.116	4.8	18.8
6 10	16 32.38	−11 47.7	1.114	2.112	7.1	18.9
6 20	16 24.34	−11 38.9	1.141	2.108	11.6	19.1
6 30	16 18.58	−11 46.2	1.189	2.106	16.0	19.4
7 10	16 15.81	−12 8.6	1.254	2.104	19.8	19.6
501618 2014 SL_{93}		6 1.8 330°.65	5°.5/ 2.9 17			
5 1	17 3.46	−31 50.0	1.012	1.910	18.9	20.8
5 11	16 59.66	−32 20.5	0.943	1.894	14.6	20.5
5 21	16 52.08	−32 35.5	0.891	1.879	9.7	20.2
5 31	16 41.84	−32 30.2	0.859	1.865	5.9	19.9
6 10	16 30.89	−32 3.4	0.848	1.851	7.1	19.9
6 20	16 21.31	−31 19.2	0.858	1.840	12.0	20.1
6 30	16 14.91	−30 25.9	0.887	1.829	17.3	20.4
7 10	16 12.71	−29 32.9	0.932	1.820	21.9	20.6
387186 2012 TD_{281}		6 1.8 198°.25	1°.1/ 2.3 17			
5 1	17 4.63	−26 19.4	2.206	3.072	11.4	22.1
5 11	16 58.51	−26 13.1	2.130	3.070	8.3	21.9
5 21	16 50.57	−26 0.3	2.078	3.068	4.8	21.6
5 31	16 41.54	−25 41.1	2.053	3.065	1.4	21.4
6 10	16 32.36	−25 16.6	2.057	3.062	3.2	21.5
6 20	16 23.93	−24 49.0	2.088	3.059	6.8	21.7
6 30	16 17.06	−24 21.3	2.145	3.056	10.1	21.9
7 10	16 12.29	−23 56.5	2.224	3.052	13.0	22.1

2020	α_{2000}	δ_{2000}	Δ	r	β	V
67813 2000 VN_{24}		6 1.8 287°.61	0°.7/ 2.0 18			
	h m	° ′			°	m
5 1	17 6.70	−24 6.5	1.415	2.301	15.3	19.9
5 11	17 1.10	−24 7.9	1.328	2.279	11.3	19.6
5 21	16 52.54	−24 3.5	1.262	2.256	6.5	19.3
5 31	16 41.91	−23 52.2	1.220	2.233	1.3	18.9
6 10	16 30.61	−23 34.9	1.204	2.211	4.5	19.0
6 20	16 20.18	−23 14.3	1.212	2.188	9.9	19.3
6 30	16 12.02	−22 54.8	1.242	2.165	14.9	19.5
7 10	16 7.08	−22 40.5	1.291	2.143	19.2	19.7
114906 2003 QH_{27}		6 1.8 318°.12	2°.8/ 2.7 17			
5 1	17 5.08	−29 7.0	1.236	2.125	16.8	19.5
5 11	17 0.14	−29 1.4	1.163	2.113	12.6	19.2
5 21	16 52.02	−28 42.3	1.109	2.100	7.7	18.9
5 31	16 41.82	−28 8.5	1.078	2.088	3.2	18.6
6 10	16 31.16	−27 21.6	1.070	2.077	5.1	18.7
6 20	16 21.73	−26 26.9	1.086	2.066	10.3	18.9
6 30	16 14.96	−25 31.5	1.123	2.056	15.3	19.2
7 10	16 11.69	−24 42.2	1.178	2.046	19.6	19.4
131309 2001 FH_{158}		6 1.8 17°.71	5°.1/ 3.3 17			
5 1	17 4.75	−33 45.6	1.466	2.338	15.7	19.2
5 11	16 59.44	−34 11.4	1.408	2.343	12.0	19.0
5 21	16 51.38	−34 22.7	1.370	2.349	8.2	18.8
5 31	16 41.69	−34 16.6	1.356	2.356	5.4	18.7
6 10	16 31.83	−33 53.4	1.366	2.363	6.1	18.7
6 20	16 23.25	−33 16.7	1.400	2.371	9.4	18.9
6 30	16 17.08	−32 32.5	1.457	2.380	13.1	19.2
7 10	16 13.99	−31 47.1	1.533	2.390	16.4	19.4
490738 2010 SS_{4}		6 1.8 288°.38	7°.6/ 4.5 18			
5 1	17 7.73	−44 35.0	2.298	3.104	13.0	21.6
5 11	17 1.25	−45 18.0	2.216	3.094	11.0	21.5
5 21	16 52.33	−45 44.8	2.156	3.083	9.0	21.3
5 31	16 41.85	−45 51.1	2.119	3.073	7.7	21.2
6 10	16 31.02	−45 35.6	2.109	3.063	7.8	21.2
6 20	16 21.07	−44 59.9	2.123	3.053	9.2	21.3
6 30	16 13.09	−44 8.6	2.162	3.043	11.3	21.4
7 10	16 7.81	−43 8.2	2.222	3.033	13.5	21.5
119496 2001 UW_{93}		6 1.8 100°.80	3°.5/ 1.2 18			
5 1	17 6.42	−12 33.2	1.770	2.644	13.3	19.6
5 11	16 59.86	−12 30.4	1.715	2.658	9.8	19.4
5 21	16 51.32	−12 33.0	1.684	2.671	6.1	19.2
5 31	16 41.67	−12 42.3	1.679	2.685	3.6	19.1
6 10	16 31.97	−12 59.1	1.702	2.698	5.2	19.2
6 20	16 23.23	−13 23.4	1.750	2.711	8.7	19.5
6 30	16 16.29	−13 54.9	1.823	2.723	12.2	19.7
7 10	16 11.71	−14 33.0	1.917	2.735	15.1	19.9
325987 2010 VY_{178}		6 1.8 176°.89	1°.0/ 2.1 17			
5 1	17 8.08	−24 18.5	1.754	2.627	13.5	21.2
5 11	17 1.38	−24 34.2	1.684	2.628	9.8	21.0
5 21	16 52.34	−24 45.3	1.638	2.629	5.6	20.7
5 31	16 41.85	−24 50.5	1.617	2.630	1.4	20.4
6 10	16 31.12	−24 50.1	1.624	2.630	3.8	20.6
6 20	16 21.34	−24 45.6	1.658	2.630	8.1	20.9
6 30	16 13.54	−24 40.0	1.716	2.630	12.0	21.1
7 10	16 8.39	−24 36.1	1.794	2.629	15.4	21.3
200090 1993 TH_{36}		6 1.8 213°.59	1°.0/ 2.2 17			
5 1	17 5.01	−25 4.1	2.245	3.111	11.2	20.8
5 11	16 58.81	−25 14.0	2.165	3.106	8.1	20.6
5 21	16 50.78	−25 19.3	2.111	3.101	4.7	20.4
5 31	16 41.60	−25 19.4	2.084	3.096	1.3	20.1
6 10	16 32.20	−25 14.7	2.085	3.090	3.2	20.3
6 20	16 23.48	−25 6.4	2.114	3.084	6.8	20.5
6 30	16 16.28	−24 56.9	2.168	3.078	10.1	20.7
7 10	16 11.15	−24 48.8	2.245	3.071	13.0	20.9
126978 2002 FL_{25}		6 1.8 178°.85	4°.4/31.6 18			
5 1	17 2.07	− 7 18.5	2.541	3.399	10.3	20.0
5 11	16 56.37	− 7 10.5	2.471	3.399	7.9	19.9
5 21	16 49.27	− 7 9.7	2.427	3.400	5.6	19.7
5 31	16 41.35	− 7 17.5	2.410	3.400	4.4	19.7
6 10	16 33.33	− 7 34.8	2.421	3.400	5.3	19.7
6 20	16 25.86	− 8 1.7	2.459	3.400	7.6	19.9
6 30	16 19.56	− 8 37.6	2.523	3.399	10.1	20.0
7 10	16 14.90	− 9 21.1	2.609	3.399	12.3	20.2
88570 2001 QJ_{246}		6 1.8 235°.70	4°.6/31.5 17			
5 1	17 6.97	−12 49.6	1.597	2.476	14.3	19.8
5 11	17 0.69	−12 8.6	1.521	2.465	10.6	19.5
5 21	16 52.02	−11 30.7	1.467	2.453	6.9	19.3
5 31	16 41.81	−10 59.6	1.438	2.441	4.6	19.1
6 10	16 31.27	−10 38.7	1.436	2.428	6.6	19.2
6 20	16 21.59	−10 30.3	1.459	2.415	10.5	19.4
6 30	16 13.85	−10 35.8	1.504	2.401	14.5	19.6
7 10	16 8.76	−10 54.9	1.569	2.386	18.0	19.8

2020	α_{2000}	δ_{2000}	Δ	r	β	V
509719 2008 SR_{155}		6 1.8 280°.15	1°.2/ 2.1 17			
	h m	° ′			°	m
5 1	17 6.38	−24 58.1	1.873	2.744	12.8	21.6
5 11	17 0.35	−25 12.8	1.776	2.719	9.4	21.3
5 21	16 51.91	−25 23.0	1.702	2.693	5.5	21.1
5 31	16 41.82	−25 27.2	1.655	2.667	1.6	20.7
6 10	16 31.15	−25 25.3	1.635	2.641	3.8	20.8
6 20	16 21.11	−25 18.7	1.642	2.615	8.2	21.0
6 30	16 12.81	−25 10.1	1.674	2.588	12.3	21.2
7 10	16 7.07	−25 2.8	1.726	2.561	15.9	21.4
269086 2007 HA_{30}		6 1.8 356°.73	0°.4/ 1.9 17			
5 1	17 2.73	−22 46.8	1.317	2.213	15.5	19.9
5 11	16 58.07	−22 56.3	1.254	2.209	11.3	19.6
5 21	16 50.69	−23 1.9	1.211	2.207	6.4	19.3
5 31	16 41.60	−23 3.3	1.191	2.205	1.1	19.0
6 10	16 32.23	−23 1.3	1.196	2.204	4.4	19.2
6 20	16 23.96	−22 57.9	1.225	2.204	9.5	19.5
6 30	16 18.00	−22 56.1	1.275	2.205	14.1	19.7
7 10	16 15.08	−22 58.4	1.344	2.207	17.9	20.0
256593 2007 UY_{37}		6 1.8 269°.36	0°.5/ 1.7 17			
5 1	17 6.46	−23 1.6	1.482	2.367	14.8	21.0
5 11	17 0.61	−22 30.2	1.402	2.353	10.8	20.7
5 21	16 52.09	−21 51.4	1.344	2.338	6.1	20.4
5 31	16 41.83	−21 6.6	1.310	2.324	1.0	20.0
6 10	16 31.19	−20 19.0	1.303	2.309	4.5	20.2
6 20	16 21.54	−19 33.1	1.320	2.294	9.6	20.4
6 30	16 14.07	−18 53.8	1.361	2.279	14.2	20.7
7 10	16 9.56	−18 24.8	1.421	2.264	18.2	20.9
147757 2005 OV_{24}		6 1.8 180°.95	3°.4/31.3 18			
5 1	17 1.14	−12 6.0	2.616	3.483	9.8	20.9
5 11	16 55.66	−11 27.8	2.546	3.483	7.2	20.8
5 21	16 48.86	−10 52.3	2.502	3.484	4.8	20.6
5 31	16 41.30	−10 21.8	2.485	3.484	3.4	20.5
6 10	16 33.66	− 9 58.3	2.497	3.483	4.6	20.6
6 20	16 26.59	− 9 43.3	2.536	3.483	7.1	20.8
6 30	16 20.67	− 9 37.6	2.601	3.482	9.7	20.9
7 10	16 16.33	− 9 41.2	2.688	3.480	12.0	21.1
143360 2003 BB_{2}		6 1.8 229°.27	0°.8/ 1.6 18			
5 1	17 6.38	−20 24.0	1.951	2.824	12.3	20.5
5 11	17 0.00	−20 17.4	1.869	2.814	8.9	20.3
5 21	16 51.54	−20 8.7	1.811	2.804	5.0	20.0
5 31	16 41.74	−19 58.4	1.780	2.793	1.1	19.7
6 10	16 31.65	−19 47.6	1.776	2.781	3.7	19.9
6 20	16 22.30	−19 38.1	1.800	2.769	7.9	20.1
6 30	16 14.62	−19 32.1	1.849	2.756	11.6	20.3
7 10	16 9.26	−19 31.5	1.919	2.743	14.9	20.5
81212 2000 FD_{18}		6 1.8 184°.02	8°.5/30.6 17			
5 1	17 4.73	− 0 57.9	1.789	2.642	14.2	19.4
5 11	16 58.69	− 0 12.4	1.729	2.643	11.5	19.2
5 21	16 50.72	+ 0 18.9	1.691	2.643	9.3	19.1
5 31	16 41.60	+ 0 31.7	1.677	2.642	8.5	19.0
6 10	16 32.35	+ 0 23.3	1.689	2.642	9.5	19.1
6 20	16 23.93	− 0 6.1	1.724	2.641	11.8	19.2
6 30	16 17.19	− 0 54.7	1.782	2.639	14.5	19.4
7 10	16 12.69	− 1 58.7	1.859	2.638	17.0	19.6
318223 2004 RU_{212}		6 1.8 284°.54	0°.5/ 2.1 18			
5 1	17 3.10	−25 47.6	2.444	3.308	10.4	20.3
5 11	16 57.43	−25 18.8	2.339	3.280	7.6	20.1
5 21	16 50.02	−24 42.9	2.260	3.251	4.4	19.8
5 31	16 41.51	−24 0.3	2.209	3.222	0.9	19.5
6 10	16 32.70	−23 12.8	2.186	3.192	3.0	19.6
6 20	16 24.44	−22 23.3	2.192	3.163	6.6	19.8
6 30	16 17.49	−21 35.3	2.225	3.133	9.9	20.0
7 10	16 12.45	−20 52.0	2.280	3.102	12.9	20.1
237352 4307 P–L		6 1.8 220°.35	5°.8/ 3.8 18			
5 1	17 9.71	−39 28.1	2.318	3.141	12.4	21.9
5 11	17 2.50	−40 2.5	2.233	3.132	10.0	21.7
5 21	16 52.98	−40 23.4	2.172	3.123	7.6	21.5
5 31	16 41.99	−40 27.1	2.136	3.113	6.0	21.4
6 10	16 30.65	−40 12.7	2.127	3.103	6.3	21.4
6 20	16 20.14	−39 41.8	2.145	3.092	8.2	21.5
6 30	16 11.48	−38 58.8	2.189	3.081	10.8	21.6
7 10	16 5.35	−38 9.5	2.254	3.069	13.3	21.8
198386 2004 VB_{33}		6 1.8 231°.33	1°.8/ 1.3 18			
5 1	17 4.23	−17 56.4	1.880	2.759	12.4	20.2
5 11	16 58.41	−17 42.0	1.808	2.755	9.0	20.0
5 21	16 50.61	−17 27.4	1.759	2.752	5.2	19.8
5 31	16 41.60	−17 13.9	1.737	2.749	1.9	19.5
6 10	16 32.39	−17 3.2	1.742	2.745	4.2	19.7
6 20	16 23.98	−16 57.0	1.774	2.741	8.1	19.9
6 30	16 17.24	−16 56.9	1.830	2.737	11.7	20.1
7 10	16 12.76	−17 3.9	1.907	2.733	14.9	20.3

2020	α_{2000}	δ_{2000}	Δ	r	β	V
79169 1993 FY_{33}		6 1.8 231°.74	2°.7/ 2.5 18			
	h m	° ′			°	m
5 1	17 8.83	−28 26.4	1.848	2.712	13.3	19.6
5 11	17 2.06	−28 52.3	1.766	2.703	9.9	19.3
5 21	16 52.83	−29 10.7	1.707	2.693	6.1	19.1
5 31	16 41.97	−29 19.4	1.674	2.682	2.9	18.9
6 10	16 30.70	−29 17.7	1.668	2.671	4.3	18.9
6 20	16 20.26	−29 7.1	1.689	2.659	8.2	19.1
6 30	16 11.77	−28 51.1	1.735	2.647	12.0	19.3
7 10	16 5.98	−28 34.1	1.802	2.634	15.4	19.5
508836 2001 XA_{124}		6 1.8 98°.21	1°.6/ 1.0 18			
5 1	17 2.67	−20 21.2	2.208	3.082	11.0	20.3
5 11	16 56.91	−19 25.5	2.143	3.089	7.9	20.1
5 21	16 49.59	−18 26.2	2.104	3.096	4.5	19.9
5 31	16 41.42	−17 26.2	2.092	3.104	1.6	19.7
6 10	16 33.26	−16 28.6	2.109	3.111	3.7	19.8
6 20	16 25.89	−15 36.8	2.154	3.118	7.1	20.1
6 30	16 19.97	−14 53.5	2.224	3.125	10.3	20.3
7 10	16 15.97	−14 20.5	2.317	3.132	13.0	20.5
137131 1999 CN_{39}		6 1.8 57°.14	3°.3/ 1.1 17			
5 1	17 5.03	−14 22.1	1.595	2.478	14.0	19.6
5 11	16 59.17	−14 11.5	1.534	2.481	10.3	19.4
5 21	16 51.09	−14 5.0	1.494	2.485	6.2	19.1
5 31	16 41.68	−14 4.1	1.480	2.488	3.3	19.0
6 10	16 32.12	−14 10.2	1.492	2.492	5.3	19.1
6 20	16 23.52	−14 24.3	1.530	2.495	9.3	19.3
6 30	16 16.84	−14 46.8	1.591	2.499	13.1	19.6
7 10	16 12.71	−15 17.1	1.671	2.503	16.4	19.8
506667 2006 SL_{279}		6 1.8 172°.66	3°.1/ 2.9 18			
5 1	17 6.03	−33 21.6	3.163	3.997	9.1	22.3
5 11	16 59.19	−33 52.4	3.086	4.001	7.0	22.2
5 21	16 50.87	−34 15.7	3.034	4.004	4.8	22.0
5 31	16 41.65	−34 29.9	3.011	4.006	3.2	21.9
6 10	16 32.25	−34 34.5	3.018	4.008	3.7	22.0
6 20	16 23.39	−34 30.4	3.054	4.010	5.6	22.1
6 30	16 15.74	−34 19.7	3.117	4.011	7.9	22.2
7 10	16 9.78	−34 5.1	3.204	4.011	9.9	22.4
295383 2008 HX_{69}		6 1.9 197°.23	3°.0/30.4 18			
5 1	16 54.01	− 7 14.2	4.575	5.428	6.2	20.9
5 11	16 50.19	− 6 39.3	4.504	5.428	4.7	20.7
5 21	16 45.69	− 6 7.8	4.461	5.427	3.5	20.7
5 31	16 40.82	− 5 41.3	4.446	5.427	3.0	20.6
6 10	16 35.90	− 5 20.7	4.460	5.426	3.6	20.7
6 20	16 31.27	− 5 6.9	4.502	5.425	4.9	20.8
6 30	16 27.22	− 5 0.1	4.570	5.424	6.3	20.9
7 10	16 24.00	− 5 0.3	4.661	5.424	7.7	21.0
365085 2009 BG_{105}		6 1.9 101°.31	1°.4/ 2.3 17			
5 1	17 8.77	−26 38.8	1.439	2.318	15.5	21.4
5 11	17 2.09	−26 28.8	1.382	2.329	11.3	21.1
5 21	16 52.77	−26 9.5	1.348	2.339	6.5	20.9
5 31	16 41.94	−25 40.6	1.337	2.350	1.9	20.6
6 10	16 31.09	−25 4.6	1.353	2.360	4.2	20.8
6 20	16 21.57	−24 25.5	1.394	2.370	9.0	21.1
6 30	16 14.47	−23 48.5	1.458	2.379	13.3	21.4
7 10	16 10.40	−23 17.6	1.542	2.389	16.9	21.6
438078 2004 RN_{248}		6 1.9 270°.37	2°.1/ 2.9 18			
5 1	17 3.31	−31 4.0	2.444	3.299	10.8	20.8
5 11	16 57.51	−30 39.7	2.355	3.287	8.0	20.6
5 21	16 50.01	−30 5.3	2.291	3.275	5.0	20.4
5 31	16 41.51	−29 20.8	2.255	3.263	2.4	20.2
6 10	16 32.87	−28 27.9	2.247	3.250	3.3	20.2
6 20	16 24.93	−27 29.7	2.268	3.238	6.4	20.4
6 30	16 18.44	−26 30.1	2.314	3.226	9.5	20.6
7 10	16 13.91	−25 33.3	2.384	3.213	12.2	20.8
257245 2009 FW_{3}		6 1.9 15°.14	1°.4/ 1.7 17			
5 1	17 3.76	−18 29.4	1.057	1.963	17.6	20.0
5 11	16 59.10	−18 43.4	1.006	1.967	12.7	19.7
5 21	16 51.36	−18 59.3	0.975	1.972	7.2	19.4
5 31	16 41.74	−19 17.1	0.965	1.978	1.8	19.1
6 10	16 31.91	−19 36.9	0.978	1.986	5.2	19.4
6 20	16 23.47	−19 59.4	1.014	1.994	10.8	19.7
6 30	16 17.74	−20 25.8	1.069	2.004	15.7	20.0
7 10	16 15.42	−20 56.7	1.142	2.014	19.8	20.3
158353 2001 XQ_{112}		6 1.9 130°.79	1°.6/ 1.4 17			
5 1	17 5.62	−18 25.1	1.911	2.787	12.4	21.0
5 11	16 59.27	−18 10.6	1.849	2.795	8.9	20.8
5 21	16 51.02	−17 55.6	1.812	2.804	5.1	20.6
5 31	16 41.67	−17 41.3	1.801	2.812	1.7	20.3
6 10	16 32.25	−17 29.2	1.817	2.820	4.0	20.5
6 20	16 23.73	−17 21.1	1.861	2.828	7.8	20.8
6 30	16 16.91	−17 18.5	1.929	2.835	11.3	21.0
7 10	16 12.35	−17 22.6	2.019	2.842	14.3	21.2

504749 2009 WE_{51} 6 1.9 178°.55 1°.7/ 2.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 1	17 6.83	−29 28.2	1.873	2.738	13.1	21.4
5 11	17 0.30	−28 51.4	1.800	2.738	9.7	21.2
5 21	16 51.64	−28 2.7	1.751	2.739	5.8	21.0
5 31	16 41.77	−27 2.9	1.728	2.739	2.1	20.7
6 10	16 31.85	−25 55.2	1.733	2.739	3.7	20.8
6 20	16 22.97	−24 44.2	1.766	2.739	7.6	21.1
6 30	16 16.02	−23 35.7	1.824	2.738	11.4	21.3
7 10	16 11.55	−22 34.3	1.904	2.738	14.6	21.5

71038 1999 XL_{73} 6 1.9 215°.08 0°.3/ 1.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 4.12	−22 34.8	2.026	2.900	11.9	19.5
5 11	16 58.24	−22 13.0	1.951	2.897	8.6	19.2
5 21	16 50.48	−21 46.7	1.901	2.894	4.8	19.0
5 31	16 41.59	−21 17.0	1.877	2.891	0.8	18.7
6 10	16 32.56	−20 45.7	1.881	2.887	3.4	18.9
6 20	16 24.32	−20 15.6	1.913	2.884	7.3	19.1
6 30	16 17.69	−19 49.5	1.969	2.880	10.9	19.4
7 10	16 13.23	−19 29.7	2.048	2.876	14.0	19.5

18559 1997 EN_{2} 6 1.9 65°.79 5°.0/31.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 1.01	− 8 26.0	2.148	3.017	11.5	18.1
5 11	16 55.74	− 7 46.4	2.092	3.026	8.8	17.9
5 21	16 48.96	− 7 13.5	2.060	3.036	6.2	17.8
5 31	16 41.35	− 6 50.2	2.055	3.045	5.0	17.7
6 10	16 33.70	− 6 38.5	2.076	3.054	6.2	17.8
6 20	16 26.77	− 6 39.5	2.124	3.064	8.7	18.0
6 30	16 21.21	− 6 52.9	2.195	3.073	11.3	18.1
7 10	16 17.47	− 7 17.6	2.287	3.083	13.7	18.3

504609 2008 UU_{171} 6 1.9 179°.67 2°.4/ 2.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 6.39	−28 34.0	2.080	2.942	12.1	22.1
5 11	16 59.97	−28 54.0	2.007	2.943	9.0	21.9
5 21	16 51.49	−29 6.7	1.958	2.943	5.5	21.6
5 31	16 41.77	−29 10.7	1.935	2.943	2.6	21.5
6 10	16 31.83	−29 5.8	1.941	2.943	3.8	21.5
6 20	16 22.71	−28 53.8	1.973	2.943	7.2	21.7
6 30	16 15.30	−28 37.7	2.031	2.942	10.6	22.0
7 10	16 10.21	−28 21.0	2.111	2.941	13.5	22.1

469857 2005 UE_{16} 6 1.9 180°.90 5°.6/29.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 0.47	− 3 38.2	2.952	3.798	9.4	21.5
5 11	16 55.04	− 2 24.5	2.887	3.799	7.5	21.3
5 21	16 48.48	− 1 17.3	2.849	3.799	6.1	21.2
5 31	16 41.28	− 0 19.9	2.838	3.799	5.7	21.2
6 10	16 34.03	+ 0 24.8	2.856	3.799	6.6	21.3
6 20	16 27.27	+ 0 55.4	2.900	3.798	8.2	21.4
6 30	16 21.51	+ 1 11.3	2.969	3.797	10.1	21.5
7 10	16 17.13	+ 1 13.5	3.059	3.795	11.8	21.6

489827 2008 ES_{68} 6 1.9 314°.28 6°.6/28.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	16 54.92	+11 4.2	4.178	4.956	8.1	21.3
5 11	16 50.90	+11 36.0	4.119	4.952	7.3	21.3
5 21	16 46.12	+11 56.8	4.083	4.948	6.7	21.2
5 31	16 40.91	+12 4.8	4.071	4.944	6.6	21.2
6 10	16 35.65	+11 59.1	4.084	4.939	7.0	21.2
6 20	16 30.69	+11 39.6	4.120	4.935	7.7	21.3
6 30	16 26.39	+11 7.1	4.179	4.931	8.6	21.4
7 10	16 23.02	+10 23.2	4.258	4.927	9.6	21.4

371121 2005 WG_{19} 6 1.9 195°.92 2°.4/31.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 5.15	−15 7.1	2.556	3.419	10.1	23.1
5 11	16 58.62	−14 46.9	2.477	3.415	7.4	22.9
5 21	16 50.58	−14 27.8	2.423	3.411	4.4	22.7
5 31	16 41.63	−14 11.3	2.399	3.406	2.4	22.5
6 10	16 32.54	−13 58.8	2.403	3.400	3.9	22.6
6 20	16 24.03	−13 51.6	2.437	3.393	6.9	22.8
6 30	16 16.78	−13 50.7	2.496	3.385	9.8	23.0
7 10	16 11.27	−13 56.8	2.579	3.376	12.3	23.1

379172 2009 QY_{57} 6 1.9 317°.34 7°.8/ 3.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 6.43	−36 38.6	1.322	2.191	17.3	20.4
5 11	17 1.57	−37 37.4	1.239	2.168	13.9	20.1
5 21	16 53.14	−38 21.4	1.176	2.146	10.4	19.9
5 31	16 42.12	−38 43.3	1.134	2.124	8.0	19.7
6 10	16 30.20	−38 39.5	1.115	2.103	8.7	19.6
6 20	16 19.33	−38 11.0	1.118	2.083	12.0	19.8
6 30	16 11.28	−37 24.7	1.142	2.064	16.1	19.9
7 10	16 7.16	−36 29.8	1.184	2.045	20.0	20.1

509076 2005 UP_{19} 6 1.9 299°.22 4°.3/ 2.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 7.20	−31 44.2	2.095	2.949	12.3	20.8
5 11	17 1.02	−32 42.8	1.995	2.922	9.5	20.6
5 21	16 52.38	−33 35.2	1.918	2.894	6.5	20.3
5 31	16 41.98	−34 17.4	1.868	2.866	4.4	20.1
6 10	16 30.86	−34 46.7	1.846	2.839	5.3	20.1
6 20	16 20.23	−35 2.8	1.850	2.811	8.3	20.3
6 30	16 11.24	−35 7.8	1.880	2.783	11.7	20.4
7 10	16 4.78	−35 5.8	1.930	2.756	14.8	20.6

87224 2000 OG_{41} 6 1.9 197°.02 1°.3/ 2.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 1	17 6.85	−28 7.2	2.412	3.268	10.9	19.8
5 11	16 59.99	−27 45.1	2.330	3.264	8.0	19.6
5 21	16 51.38	−27 14.9	2.273	3.260	4.7	19.4
5 31	16 41.77	−26 36.5	2.244	3.255	1.6	19.1
6 10	16 32.03	−25 51.7	2.245	3.250	3.1	19.2
6 20	16 23.06	−25 3.4	2.274	3.244	6.4	19.4
6 30	16 15.60	−24 15.3	2.331	3.236	9.6	19.6
7 10	16 10.17	−23 31.0	2.410	3.229	12.4	19.8

297598 2001 SJ_{194} 6 1.9 290°.39 5°.9/30.5 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 1.18	− 7 46.2	2.000	2.871	12.2	20.7
5 11	16 56.11	− 6 51.9	1.927	2.861	9.4	20.5
5 21	16 49.30	− 6 4.0	1.877	2.850	6.9	20.4
5 31	16 41.44	− 5 26.4	1.854	2.840	5.9	20.3
6 10	16 33.40	− 5 2.4	1.856	2.830	7.2	20.3
6 20	16 26.01	− 4 53.9	1.884	2.820	9.9	20.5
6 30	16 20.04	− 5 1.1	1.935	2.810	12.7	20.6
7 10	16 16.06	− 5 23.0	2.006	2.800	15.4	20.8

115922 2003 WR_{11} 6 1.9 303°.70 4°.7/ 3.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 5.91	−33 45.0	1.782	2.642	13.9	19.5
5 11	17 0.15	−34 12.8	1.701	2.630	10.8	19.2
5 21	16 51.84	−34 28.6	1.642	2.618	7.4	19.0
5 31	16 41.87	−34 29.4	1.608	2.606	4.9	18.8
6 10	16 31.50	−34 14.4	1.599	2.595	5.6	18.8
6 20	16 22.02	−33 45.7	1.616	2.583	8.8	19.0
6 30	16 14.60	−33 8.3	1.657	2.572	12.3	19.2
7 10	16 10.00	−32 27.7	1.718	2.561	15.6	19.4

314331 2005 TG_{19} 6 1.9 50°.02 2°.7/31.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 1.89	−16 12.9	1.923	2.803	12.1	20.2
5 11	16 56.49	−15 35.8	1.873	2.821	8.7	20.0
5 21	16 49.41	−14 59.8	1.847	2.838	5.2	19.8
5 31	16 41.44	−14 27.4	1.848	2.856	2.7	19.7
6 10	16 33.52	−14 1.1	1.876	2.874	4.6	19.9
6 20	16 26.48	−13 42.8	1.930	2.892	7.9	20.1
6 30	16 21.03	−13 33.8	2.008	2.911	11.1	20.3
7 10	16 17.61	−13 34.4	2.108	2.930	13.8	20.5

365887 2011 UC_{401} 6 1.9 265°.31 5°.8/30.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 1.04	− 6 21.6	2.298	3.160	11.1	20.6
5 11	16 55.84	− 5 25.3	2.219	3.145	8.7	20.4
5 21	16 49.10	− 4 35.3	2.164	3.130	6.6	20.3
5 31	16 41.41	− 3 55.1	2.135	3.115	5.8	20.2
6 10	16 33.53	− 3 28.0	2.134	3.099	7.0	20.2
6 20	16 26.19	− 3 15.7	2.158	3.084	9.3	20.3
6 30	16 20.09	− 3 18.6	2.206	3.068	11.9	20.5
7 10	16 15.75	− 3 35.7	2.275	3.052	14.3	20.6

283891 2004 BF_{130} 6 1.9 171°.08 0°.4/ 1.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 3.60	−21 56.3	2.102	2.976	11.5	21.6
5 11	16 57.80	−21 43.0	2.031	2.977	8.3	21.4
5 21	16 50.22	−21 26.4	1.985	2.978	4.6	21.2
5 31	16 41.59	−21 7.2	1.965	2.978	0.8	20.9
6 10	16 32.83	−20 46.9	1.973	2.979	3.3	21.1
6 20	16 24.83	−20 27.6	2.009	2.979	7.1	21.3
6 30	16 18.37	−20 11.6	2.069	2.979	10.5	21.5
7 10	16 13.99	−20 0.8	2.152	2.979	13.4	21.7

58525 1997 BX_{3} 6 1.9 81°.08 0°.2/ 1.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 3.26	−23 13.6	2.175	3.046	11.3	19.8
5 11	16 57.45	−23 7.3	2.114	3.058	8.1	19.6
5 21	16 49.96	−22 57.1	2.077	3.070	4.5	19.4
5 31	16 41.54	−22 43.5	2.068	3.081	0.8	19.2
6 10	16 33.08	−22 27.7	2.087	3.093	3.0	19.4
6 20	16 25.41	−22 11.6	2.133	3.105	6.6	19.6
6 30	16 19.26	−21 57.3	2.205	3.116	9.9	19.8
7 10	16 15.11	−21 46.8	2.299	3.128	12.6	20.0

467853 2010 VM_{176} 6 1.9 265°.33 2°.0/ 2.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 7.56	−28 59.3	1.627	2.499	14.4	21.2
5 11	17 1.36	−28 36.6	1.541	2.483	10.7	20.9
5 21	16 52.52	−28 1.4	1.477	2.466	6.5	20.6
5 31	16 41.98	−27 13.3	1.439	2.450	2.4	20.3
6 10	16 31.08	−26 14.5	1.427	2.433	4.2	20.4
6 20	16 21.15	−25 9.8	1.441	2.416	8.8	20.6
6 30	16 13.39	−24 5.5	1.479	2.398	13.2	20.8
7 10	16 8.54	−23 7.6	1.538	2.381	17.1	21.0

183092 2002 RQ_{85} 6 1.9 232°.80 1°.0/ 1.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 6.78	−20 18.5	1.955	2.827	12.3	21.5
5 11	17 0.33	−20 2.5	1.870	2.815	8.9	21.3
5 21	16 51.77	−19 43.9	1.809	2.801	5.0	21.0
5 31	16 41.87	−19 23.3	1.775	2.787	1.2	20.7
6 10	16 31.66	−19 2.6	1.769	2.773	3.8	20.9
6 20	16 22.17	−18 44.0	1.790	2.758	8.0	21.1
6 30	16 14.36	−18 30.0	1.836	2.742	11.8	21.3
7 10	16 8.87	−18 22.6	1.903	2.725	15.1	21.5

46235 2001 HX_9 6 1.9 331°.03 0°.6/ 1.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 1	17 1.80	−23 13.0	1.543	2.433	14.0	17.9
5 11	16 57.13	−22 34.6	1.467	2.420	10.2	17.6
5 21	16 50.11	−21 49.0	1.413	2.408	5.7	17.3
5 31	16 41.61	−20 58.1	1.383	2.396	1.0	17.0
6 10	16 32.84	−20 5.3	1.379	2.386	4.2	17.2
6 20	16 25.00	−19 15.4	1.400	2.375	9.0	17.4
6 30	16 19.14	−18 32.8	1.444	2.366	13.3	17.6
7 10	16 15.93	−18 0.7	1.507	2.357	17.0	17.9

198922 2005 US_{174} 6 1.9 9°.43 2°.3/ 2.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 4.52	−26 33.7	0.987	1.891	18.7	19.5
5 11	17 0.03	−26 43.2	0.933	1.892	13.7	19.2
5 21	16 52.06	−26 42.4	0.898	1.894	8.1	18.9
5 31	16 41.93	−26 29.9	0.884	1.896	2.7	18.6
6 10	16 31.53	−26 7.2	0.892	1.900	5.3	18.8
6 20	16 22.72	−25 38.7	0.921	1.905	11.1	19.1
6 30	16 16.97	−25 10.5	0.970	1.911	16.3	19.4
7 10	16 15.01	−24 47.9	1.036	1.918	20.7	19.7

171070 2005 EK_{156} 6 1.9 5°.51 5°.2/ 3.0 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 6.18	−33 30.3	1.632	2.497	14.7	19.3
5 11	17 0.44	−34 17.7	1.566	2.497	11.4	19.1
5 21	16 52.03	−34 53.2	1.522	2.498	7.9	18.9
5 31	16 41.92	−35 13.1	1.502	2.499	5.4	18.7
6 10	16 31.49	−35 15.8	1.507	2.500	6.1	18.8
6 20	16 22.11	−35 3.3	1.537	2.503	9.2	18.9
6 30	16 14.99	−34 40.2	1.590	2.505	12.7	19.2
7 10	16 10.84	−34 12.3	1.663	2.508	15.9	19.4

506002 2015 HN_2 6 1.9 91°.46 4°.4/30.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 4.17	−14 15.1	1.735	2.615	13.2	21.0
5 11	16 58.28	−12 59.7	1.678	2.624	9.7	20.8
5 21	16 50.48	−11 45.7	1.646	2.633	6.2	20.6
5 31	16 41.64	−10 37.8	1.641	2.642	4.4	20.5
6 10	16 32.82	− 9 40.6	1.662	2.651	6.2	20.6
6 20	16 24.97	− 8 57.5	1.708	2.660	9.6	20.8
6 30	16 18.90	− 8 30.5	1.778	2.668	13.0	21.0
7 10	16 15.10	− 8 19.3	1.868	2.677	15.8	21.3

27015 1998 HS_{135} 6 1.9 124°.86 6°.3/30.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 3.59	− 6 33.3	1.844	2.712	13.1	18.7
5 11	16 57.83	− 5 47.7	1.786	2.717	10.2	18.5
5 21	16 50.24	− 5 11.2	1.751	2.722	7.5	18.3
5 31	16 41.62	− 4 47.5	1.741	2.726	6.3	18.3
6 10	16 32.91	− 4 39.2	1.758	2.731	7.6	18.4
6 20	16 25.03	− 4 47.1	1.799	2.735	10.2	18.5
6 30	16 18.78	− 5 10.7	1.864	2.739	13.1	18.7
7 10	16 14.67	− 5 47.7	1.948	2.743	15.8	18.9

89480 2001 XE_{27} 6 1.9 232°.68 2°.7/ 2.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 10.22	−28 22.1	1.700	2.566	14.2	18.8
5 11	17 3.29	−28 43.5	1.617	2.555	10.6	18.5
5 21	16 53.65	−28 56.8	1.556	2.543	6.5	18.3
5 31	16 42.21	−28 59.3	1.522	2.531	3.0	18.0
6 10	16 30.29	−28 50.6	1.514	2.517	4.5	18.1
6 20	16 19.27	−28 32.7	1.533	2.504	8.8	18.3
6 30	16 10.40	−28 9.8	1.575	2.489	12.9	18.5
7 10	16 4.47	−27 46.8	1.639	2.474	16.5	18.7

500059 2011 UQ_{185} 6 1.9 126°.34 0°.9/ 2.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 5.92	−23 19.6	2.555	3.416	10.2	21.0
5 11	16 59.28	−23 58.5	2.486	3.424	7.3	20.8
5 21	16 51.01	−24 35.2	2.442	3.432	4.2	20.6
5 31	16 41.76	−25 8.3	2.428	3.440	1.1	20.4
6 10	16 32.33	−25 37.0	2.443	3.448	2.9	20.5
6 20	16 23.51	−26 1.3	2.487	3.455	6.0	20.7
6 30	16 16.04	−26 22.4	2.558	3.462	8.9	20.9
7 10	16 10.42	−26 41.8	2.652	3.469	11.4	21.1

196581 2003 QS_{45} 6 1.9 139°.07 5°.3/31.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 3.05	− 9 9.6	1.866	2.739	12.8	20.0
5 11	16 57.48	− 8 30.0	1.803	2.740	9.7	19.8
5 21	16 50.08	− 7 57.2	1.763	2.741	6.8	19.6
5 31	16 41.61	− 7 34.3	1.749	2.742	5.3	19.5
6 10	16 33.01	− 7 24.1	1.761	2.743	6.7	19.6
6 20	16 25.21	− 7 27.6	1.798	2.744	9.6	19.8
6 30	16 19.01	− 7 44.8	1.859	2.745	12.7	20.0
7 10	16 14.93	− 8 14.3	1.940	2.745	15.5	20.2

106435 2000 VM_{50} 6 1.9 187°.85 1°.1/ 2.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 5.01	−24 52.5	2.750	3.608	9.6	19.8
5 11	16 58.59	−25 22.6	2.671	3.607	7.0	19.6
5 21	16 50.63	−25 49.6	2.618	3.606	4.1	19.4
5 31	16 41.70	−26 12.4	2.594	3.605	1.3	19.2
6 10	16 32.56	−26 30.5	2.599	3.603	2.8	19.3
6 20	16 23.96	−26 44.3	2.634	3.601	5.8	19.5
6 30	16 16.57	−26 55.0	2.695	3.599	8.6	19.7
7 10	16 10.93	−27 4.4	2.780	3.596	11.0	19.9

18486 1996 AS_2 6 1.9 159°.13 0°.4/ 2.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 1	17 2.67	−24 3.1	2.821	3.683	9.3	19.2
5 11	16 56.78	−23 59.9	2.749	3.688	6.7	19.0
5 21	16 49.54	−23 53.1	2.703	3.693	3.8	18.8
5 31	16 41.52	−23 42.8	2.685	3.698	0.8	18.6
6 10	16 33.41	−23 29.8	2.697	3.702	2.5	18.8
6 20	16 25.89	−23 15.4	2.737	3.706	5.5	19.0
6 30	16 19.55	−23 1.6	2.804	3.710	8.2	19.2
7 10	16 14.83	−22 49.9	2.895	3.713	10.6	19.3

486057 2012 TE_{210} 6 1.9 148°.88 4°.9/28.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	16 53.92	+ 3 39.2	4.611	5.427	6.8	21.7
5 11	16 50.15	+ 4 15.7	4.552	5.429	5.8	21.6
5 21	16 45.71	+ 4 44.7	4.517	5.430	5.1	21.6
5 31	16 40.91	+ 5 4.8	4.510	5.432	4.9	21.6
6 10	16 36.06	+ 5 14.8	4.528	5.434	5.3	21.6
6 20	16 31.50	+ 5 14.5	4.573	5.435	6.2	21.7
6 30	16 27.50	+ 5 4.1	4.641	5.436	7.2	21.7
7 10	16 24.33	+ 4 44.5	4.731	5.438	8.3	21.8

237056 2008 SB_{158} 6 1.9 177°.37 3°.5/ 3.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 7.50	−32 20.7	2.162	3.013	12.1	21.0
5 11	17 0.77	−32 38.2	2.088	3.014	9.2	20.8
5 21	16 51.97	−32 45.5	2.038	3.016	6.1	20.6
5 31	16 41.92	−32 40.9	2.015	3.016	3.7	20.5
6 10	16 31.69	−32 24.4	2.019	3.017	4.4	20.5
6 20	16 22.31	−31 58.2	2.051	3.016	7.3	20.7
6 30	16 14.69	−31 26.1	2.108	3.016	10.4	20.9
7 10	16 9.43	−30 52.5	2.188	3.015	13.2	21.1

312192 2007 VV_{113} 6 1.9 95°.45 1°.0/ 1.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 7.89	−20 21.2	1.505	2.387	14.7	21.0
5 11	17 1.29	−20 11.9	1.451	2.401	10.6	20.8
5 21	16 52.30	−20 0.3	1.420	2.414	5.9	20.5
5 31	16 41.97	−19 47.4	1.414	2.427	1.3	20.3
6 10	16 31.61	−19 34.8	1.435	2.440	4.3	20.5
6 20	16 22.45	−19 24.9	1.481	2.453	8.9	20.8
6 30	16 15.49	−19 19.9	1.550	2.466	13.0	21.1
7 10	16 11.30	−19 21.7	1.639	2.478	16.4	21.3

463714 2014 QN_{179} 6 1.9 200°.66 0°.5/ 1.7 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 8.95	−21 18.0	1.819	2.690	13.1	22.3
5 11	17 1.97	−21 12.3	1.743	2.687	9.5	22.1
5 21	16 52.72	−21 3.5	1.690	2.682	5.3	21.8
5 31	16 42.06	−20 51.9	1.664	2.677	0.9	21.5
6 10	16 31.12	−20 38.6	1.666	2.671	3.8	21.7
6 20	16 21.07	−20 25.7	1.695	2.664	8.2	21.9
6 30	16 12.90	−20 15.9	1.749	2.657	12.2	22.2
7 10	16 7.27	−20 11.5	1.824	2.649	15.5	22.4

274983 2009 TH_4 6 1.9 173°.04 4°.1/31.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 4.56	−11 54.6	2.013	2.883	12.1	21.2
5 11	16 58.47	−11 18.9	1.946	2.886	9.0	21.1
5 21	16 50.60	−10 47.3	1.904	2.887	5.9	20.9
5 31	16 41.71	−10 22.3	1.889	2.889	4.1	20.8
6 10	16 32.70	−10 6.3	1.901	2.890	5.6	20.9
6 20	16 24.46	−10 0.9	1.940	2.891	8.7	21.0
6 30	16 17.77	−10 6.6	2.003	2.891	11.8	21.2
7 10	16 13.14	−10 23.0	2.087	2.890	14.6	21.4

126589 2002 CG_{128} 6 1.9 194°.50 0°.6/ 1.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 5.34	−21 33.5	1.978	2.851	12.1	20.9
5 11	16 59.18	−21 18.5	1.905	2.850	8.7	20.7
5 21	16 51.07	−21 0.0	1.856	2.849	4.9	20.4
5 31	16 41.79	−20 39.0	1.833	2.847	0.9	20.1
6 10	16 32.34	−20 17.1	1.839	2.844	3.5	20.3
6 20	16 23.70	−19 56.5	1.872	2.842	7.5	20.6
6 30	16 16.73	−19 39.7	1.929	2.839	11.1	20.8
7 10	16 12.00	−19 28.9	2.009	2.836	14.2	21.0

512496 2016 RN_2 6 1.9 195°.25 0°.4/ 2.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 2.89	−25 29.3	2.969	3.827	9.0	22.8
5 11	16 56.89	−25 3.0	2.887	3.824	6.5	22.6
5 21	16 49.59	−24 31.5	2.831	3.821	3.7	22.4
5 31	16 41.54	−23 55.3	2.804	3.817	0.8	22.2
6 10	16 33.42	−23 16.0	2.807	3.813	2.4	22.3
6 20	16 25.86	−22 35.8	2.839	3.808	5.4	22.5
6 30	16 19.44	−21 57.1	2.899	3.802	8.1	22.7
7 10	16 14.59	−21 22.2	2.983	3.797	10.4	22.8

127591 2003 BF_6 6 1.9 72°.22 2°.2/ 1.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 7.18	−18 8.9	1.293	2.185	16.1	19.9
5 11	17 1.21	−17 53.3	1.233	2.186	11.6	19.7
5 21	16 52.47	−17 37.6	1.193	2.188	6.7	19.4
5 31	16 42.03	−17 23.4	1.178	2.189	2.3	19.1
6 10	16 31.36	−17 13.1	1.187	2.191	5.3	19.3
6 20	16 21.91	−17 8.9	1.220	2.192	10.3	19.6
6 30	16 14.88	−17 12.9	1.274	2.194	14.9	19.9
7 10	16 10.96	−17 26.1	1.348	2.196	18.8	20.1

2020	α_{2000}	δ_{2000}	Δ	r	β	V
427476 2001 WB_{75}			6 1.9 199°.07 1°.6/ 1.2 17			
	h m	° ′			°	m
5 1	17 5.42	−19 43.8	2.055	2.927	11.8	22.5
5 11	16 59.13	−19 5.4	1.979	2.924	8.5	22.3
5 21	16 51.00	−18 24.0	1.929	2.921	4.8	22.1
5 31	16 41.78	−17 41.5	1.906	2.917	1.7	21.8
6 10	16 32.43	−17 0.6	1.911	2.913	3.9	22.0
6 20	16 23.86	−16 24.3	1.943	2.908	7.7	22.2
6 30	16 16.88	−15 55.4	2.001	2.903	11.2	22.4
7 10	16 12.04	−15 35.5	2.080	2.897	14.2	22.6
173334 1999 WU_{11}			6 1.9 202°.43 2°.2/ 2.4 18			
5 1	17 9.06	−27 8.6	1.732	2.601	13.8	20.7
5 11	17 2.28	−27 31.8	1.658	2.598	10.2	20.4
5 21	16 53.00	−27 48.2	1.607	2.596	6.1	20.2
5 31	16 42.12	−27 55.5	1.582	2.592	2.5	19.9
6 10	16 30.92	−27 53.6	1.584	2.589	4.2	20.0
6 20	16 20.67	−27 44.1	1.613	2.584	8.3	20.3
6 30	16 12.49	−27 30.7	1.665	2.580	12.3	20.5
7 10	16 7.09	−27 17.3	1.739	2.575	15.7	20.7
475085 2005 UM_{183}			6 1.9 213°.64 5°.8/ 3.1 18			
5 1	17 10.73	−40 46.1	2.867	3.672	10.7	21.9
5 11	17 3.11	−41 54.5	2.782	3.666	8.8	21.7
5 21	16 53.38	−42 52.1	2.723	3.659	7.0	21.6
5 31	16 42.21	−43 34.8	2.691	3.652	5.9	21.5
6 10	16 30.55	−44 0.6	2.687	3.645	6.2	21.5
6 20	16 19.42	−44 9.6	2.711	3.637	7.7	21.6
6 30	16 9.79	−44 4.4	2.761	3.629	9.6	21.7
7 10	16 2.35	−43 49.4	2.834	3.620	11.5	21.9
397967 2008 YE_{146}			6 1.9 15°.23 5°.7/31.9 17			
5 1	17 3.83	−11 30.4	1.105	2.005	17.5	20.1
5 11	16 58.98	−11 5.0	1.054	2.008	13.1	19.9
5 21	16 51.28	−10 48.5	1.022	2.011	8.5	19.6
5 31	16 41.86	−10 45.0	1.012	2.016	5.7	19.5
6 10	16 32.25	−10 56.7	1.024	2.021	7.7	19.6
6 20	16 23.95	−11 24.0	1.059	2.027	12.1	19.9
6 30	16 18.15	−12 5.7	1.113	2.033	16.5	20.2
7 10	16 15.54	−12 59.2	1.185	2.041	20.3	20.4
71893 2000 WM_{7}			6 1.9 329°.03 6°.9/ 2.8 18			
5 1	17 6.49	−33 18.3	1.166	2.049	18.0	18.8
5 11	17 1.75	−34 26.1	1.094	2.035	14.1	18.5
5 21	16 53.32	−35 21.7	1.042	2.022	10.0	18.3
5 31	16 42.24	−35 57.9	1.011	2.010	7.1	18.1
6 10	16 30.36	−36 10.6	1.003	1.998	8.1	18.1
6 20	16 19.70	−36 0.9	1.016	1.987	12.1	18.3
6 30	16 12.05	−35 35.0	1.049	1.978	16.5	18.5
7 10	16 8.50	−35 1.5	1.100	1.969	20.6	18.7
65249 2002 FF_{6}			6 1.9 285°.29 14°.2/29.0 18			
5 1	17 4.55	+15 32.5	1.834	2.616	16.7	18.9
5 11	16 58.66	+16 27.2	1.778	2.608	15.4	18.8
5 21	16 50.80	+16 55.3	1.741	2.600	14.4	18.7
5 31	16 41.77	+16 50.8	1.724	2.593	14.2	18.7
6 10	16 32.58	+16 11.1	1.727	2.585	14.8	18.7
6 20	16 24.19	+14 57.6	1.751	2.578	16.0	18.7
6 30	16 17.48	+13 14.8	1.794	2.570	17.6	18.8
7 10	16 13.02	+11 9.7	1.855	2.563	19.3	19.0
156321 2001 XH_{78}			6 1.9 58°.10 2°.0/ 1.4 17			
5 1	17 5.70	−17 40.4	1.503	2.389	14.5	19.7
5 11	16 59.68	−17 33.3	1.454	2.404	10.4	19.5
5 21	16 51.39	−17 27.2	1.427	2.420	6.0	19.3
5 31	16 41.86	−17 23.1	1.425	2.437	2.1	19.0
6 10	16 32.31	−17 22.4	1.449	2.453	4.6	19.3
6 20	16 23.93	−17 26.5	1.498	2.470	8.9	19.5
6 30	16 17.63	−17 36.7	1.571	2.486	12.8	19.8
7 10	16 13.97	−17 53.5	1.663	2.503	16.1	20.1
38642 2000 NY_{17}			6 1.9 235°.90 0°.5/ 2.0 18			
5 1	17 6.90	−23 31.5	2.211	3.076	11.4	20.2
5 11	17 0.34	−23 39.1	2.121	3.061	8.3	19.9
5 21	16 51.79	−23 43.0	2.055	3.046	4.7	19.7
5 31	16 41.95	−23 42.6	2.017	3.030	1.0	19.4
6 10	16 31.77	−23 38.4	2.007	3.013	3.2	19.5
6 20	16 22.20	−23 31.6	2.026	2.996	7.1	19.7
6 30	16 14.14	−23 24.5	2.071	2.978	10.6	19.9
7 10	16 8.23	−23 19.4	2.138	2.959	13.7	20.1
185217 2006 TS_{57}			6 1.9 93°.31 2°.9/ 2.6 17			
5 1	17 8.58	−28 25.1	1.545	2.418	14.9	20.1
5 11	17 2.07	−28 50.8	1.483	2.425	11.1	19.9
5 21	16 52.90	−29 7.7	1.443	2.431	6.8	19.6
5 31	16 42.12	−29 13.3	1.428	2.437	3.2	19.4
6 10	16 31.14	−29 7.7	1.439	2.443	4.7	19.5
6 20	16 21.32	−28 53.1	1.475	2.449	8.8	19.8
6 30	16 13.82	−28 33.8	1.535	2.454	12.8	20.0
7 10	16 9.31	−28 14.7	1.615	2.460	16.3	20.3

2020	α_{2000}	δ_{2000}	Δ	r	β	V
82843 2001 QO_{50}			6 1.9 231°.51 1°.2/ 1.5 18			
	h m	° ′			°	m
5 1	17 3.13	−19 4.5	2.253	3.126	10.9	19.7
5 11	16 57.44	−18 51.8	2.174	3.119	7.9	19.5
5 21	16 50.06	−18 38.0	2.121	3.113	4.5	19.3
5 31	16 41.66	−18 24.1	2.094	3.106	1.3	19.1
6 10	16 33.07	−18 11.4	2.096	3.100	3.5	19.2
6 20	16 25.12	−18 1.5	2.125	3.093	7.0	19.4
6 30	16 18.56	−17 56.0	2.180	3.085	10.2	19.6
7 10	16 13.93	−17 56.2	2.257	3.078	13.1	19.8
121590 1999 VM_{110}			6 1.9 3°.78 0°.8/ 1.5 17			
5 1	17 1.41	−21 38.7	2.198	3.074	11.0	19.7
5 11	16 56.17	−21 2.7	2.127	3.074	7.9	19.5
5 21	16 49.32	−20 22.8	2.080	3.074	4.4	19.3
5 31	16 41.53	−19 40.8	2.061	3.074	1.0	19.1
6 10	16 33.67	−18 59.1	2.070	3.074	3.3	19.2
6 20	16 26.52	−18 20.6	2.106	3.075	6.9	19.5
6 30	16 20.81	−17 47.7	2.167	3.076	10.1	19.7
7 10	16 17.00	−17 22.6	2.251	3.077	12.9	19.9
68674 2002 CV_{117}			6 1.9 324°.45 0°.1/ 1.9 18			
5 1	17 3.80	−23 18.9	1.185	2.084	16.6	18.8
5 11	16 59.27	−23 10.3	1.113	2.070	12.2	18.4
5 21	16 51.65	−22 55.5	1.061	2.057	6.9	18.1
5 31	16 41.96	−22 34.6	1.031	2.044	1.2	17.7
6 10	16 31.76	−22 9.8	1.024	2.032	4.8	17.9
6 20	16 22.70	−21 44.6	1.041	2.021	10.5	18.2
6 30	16 16.17	−21 23.9	1.078	2.011	15.7	18.4
7 10	16 13.07	−21 11.3	1.132	2.001	20.2	18.7
313098 2000 VR_{64}			6 1.9 145°.76 2°.5/ 1.0 18			
5 1	17 7.87	−16 59.6	1.885	2.757	12.7	21.4
5 11	17 0.87	−16 23.0	1.825	2.768	9.2	21.2
5 21	16 51.95	−15 46.1	1.789	2.779	5.4	21.0
5 31	16 41.95	−15 11.3	1.781	2.790	2.6	20.9
6 10	16 31.95	−14 41.2	1.800	2.799	4.6	21.0
6 20	16 22.90	−14 18.3	1.847	2.808	8.3	21.3
6 30	16 15.65	−14 4.4	1.918	2.816	11.8	21.5
7 10	16 10.70	−14 0.3	2.011	2.823	14.8	21.7
126392 2002 BD_{3}			6 1.9 39°.23 5°.2/ 2.6 18			
5 1	17 9.08	−31 37.2	1.501	2.370	15.5	18.5
5 11	17 2.66	−32 45.9	1.444	2.378	11.9	18.3
5 21	16 53.35	−33 44.3	1.409	2.388	8.0	18.1
5 31	16 42.21	−34 27.1	1.398	2.398	5.3	18.0
6 10	16 30.77	−34 52.0	1.413	2.408	6.3	18.0
6 20	16 20.54	−35 0.1	1.453	2.419	9.7	18.3
6 30	16 12.79	−34 55.7	1.515	2.430	13.3	18.5
7 10	16 8.26	−34 44.8	1.597	2.441	16.5	18.7
11950 Morellet			6 1.9 111°.63 0°.7/ 1.6 18			
5 1	17 2.31	−20 20.5	2.523	3.392	10.0	18.8
5 11	16 56.60	−20 9.5	2.460	3.403	7.1	18.6
5 21	16 49.47	−19 56.9	2.422	3.415	4.0	18.5
5 31	16 41.56	−19 43.3	2.413	3.425	0.9	18.2
6 10	16 33.61	−19 30.1	2.432	3.436	2.9	18.4
6 20	16 26.31	−19 18.6	2.479	3.447	6.1	18.6
6 30	16 20.30	−19 10.2	2.552	3.457	9.0	18.8
7 10	16 15.99	−19 6.3	2.648	3.467	11.4	19.0
147786 2005 QA_{149}			6 1.9 305°.41 2°.6/ 2.8 18			
5 1	17 3.84	−30 10.7	1.945	2.812	12.6	19.9
5 11	16 58.52	−30 5.2	1.846	2.784	9.5	19.7
5 21	16 50.94	−29 49.2	1.770	2.756	6.0	19.4
5 31	16 41.84	−29 21.7	1.719	2.728	2.9	19.2
6 10	16 32.30	−28 43.4	1.696	2.700	4.1	19.2
6 20	16 23.44	−27 57.2	1.699	2.672	7.9	19.3
6 30	16 16.31	−27 7.6	1.726	2.644	11.7	19.5
7 10	16 11.64	−26 19.6	1.775	2.617	15.2	19.7
68525 2001 VE_{33}			6 1.9 120°.78 1°.2/ 2.3 17			
5 1	17 6.59	−26 9.9	1.797	2.669	13.2	19.8
5 11	17 0.24	−26 4.8	1.733	2.676	9.6	19.6
5 21	16 51.72	−25 52.4	1.692	2.682	5.6	19.3
5 31	16 41.95	−25 32.7	1.677	2.689	1.6	19.1
6 10	16 32.08	−25 7.0	1.689	2.695	3.6	19.2
6 20	16 23.21	−24 38.3	1.728	2.701	7.7	19.5
6 30	16 16.28	−24 10.1	1.791	2.707	11.5	19.7
7 10	16 11.85	−23 45.9	1.875	2.712	14.7	20.0
344653 2003 RN_{26}			6 1.9 300°.05 10°.1/30.7 16			
5 1	17 4.35	+ 3 14.5	1.738	2.580	15.0	20.0
5 11	16 58.78	+ 3 44.8	1.658	2.558	12.8	19.8
5 21	16 51.04	+ 3 56.5	1.598	2.536	10.9	19.6
5 31	16 41.87	+ 3 44.4	1.562	2.514	10.1	19.5
6 10	16 32.29	+ 3 5.7	1.550	2.493	11.0	19.5
6 20	16 23.34	+ 2 1.0	1.561	2.471	13.2	19.6
6 30	16 16.03	+ 0 33.4	1.595	2.450	16.0	19.7
7 10	16 11.06	− 1 11.9	1.647	2.429	18.7	19.9

38579 1999 XM_{15} 6 1.9 244.°87 0.°8/ 2.3 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
5 1	16 59.21	−26 0.0	3.601	4.459	7.6	19.8
5 11	16 54.21	−25 56.6	3.510	4.447	5.5	19.6
5 21	16 48.12	−25 49.5	3.446	4.434	3.2	19.4
5 31	16 41.39	−25 38.6	3.410	4.422	1.0	19.2
6 10	16 34.52	−25 24.5	3.403	4.409	2.1	19.3
6 20	16 28.03	−25 8.3	3.426	4.396	4.5	19.5
6 30	16 22.41	−24 51.5	3.477	4.382	6.8	19.6
7 10	16 18.03	−24 35.6	3.551	4.369	8.8	19.8

8269 Calandrelli 6 1.9 233.°35 4.°8/31.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 4.60	− 9 43.1	2.109	2.974	11.8	18.2
5 11	16 58.59	− 9 6.5	2.028	2.962	9.0	18.0
5 21	16 50.77	− 8 34.8	1.971	2.949	6.2	17.8
5 31	16 41.83	− 8 11.2	1.941	2.935	4.8	17.7
6 10	16 32.64	− 7 58.0	1.939	2.921	6.1	17.7
6 20	16 24.07	− 7 56.8	1.963	2.907	9.0	17.9
6 30	16 16.93	− 8 7.0	2.012	2.891	12.1	18.1
7 10	16 11.80	− 8 31.0	2.081	2.876	14.9	18.2

472692 2015 EB_{65} 6 1.9 65.°88 6.°9/30.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 2.73	− 6 52.4	1.750	2.622	13.5	20.8
5 11	16 57.22	− 5 37.3	1.702	2.635	10.5	20.6
5 21	16 49.93	− 4 31.0	1.678	2.647	7.9	20.5
5 31	16 41.67	− 3 38.7	1.679	2.660	6.9	20.5
6 10	16 33.43	− 3 4.1	1.706	2.673	8.2	20.6
6 20	16 26.12	− 2 48.9	1.757	2.686	10.8	20.7
6 30	16 20.48	− 2 52.7	1.830	2.700	13.6	21.0
7 10	16 17.00	− 3 13.2	1.922	2.713	16.1	21.2

300165 2006 VW_{140} 6 1.9 181.°82 0.°6/ 1.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 2.37	−20 40.9	2.789	3.655	9.3	22.3
5 11	16 56.60	−20 26.9	2.714	3.655	6.6	22.1
5 21	16 49.49	−20 10.9	2.664	3.655	3.7	21.9
5 31	16 41.61	−19 53.6	2.642	3.655	0.8	21.7
6 10	16 33.62	−19 36.2	2.650	3.655	2.7	21.8
6 20	16 26.19	−19 20.1	2.687	3.654	5.7	22.0
6 30	16 19.91	−19 7.0	2.750	3.652	8.5	22.2
7 10	16 15.22	−18 58.1	2.837	3.650	10.9	22.4

94441 2001 TL_{68} 6 1.9 26.°81 2.°9/ 2.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 9.28	−26 23.0	1.257	2.143	16.8	19.3
5 11	17 3.13	−27 8.1	1.196	2.145	12.4	19.1
5 21	16 53.76	−27 46.9	1.156	2.147	7.5	18.8
5 31	16 42.34	−28 15.5	1.139	2.149	3.2	18.6
6 10	16 30.52	−28 32.2	1.146	2.152	5.2	18.7
6 20	16 20.01	−28 38.3	1.178	2.154	10.1	19.0
6 30	16 12.22	−28 37.9	1.231	2.157	14.8	19.2
7 10	16 7.97	−28 35.9	1.303	2.160	18.7	19.5

54580 2000 QE_{168} 6 1.9 356.°37 7.°5/ 4.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 8.08	−44 0.0	2.105	2.918	13.8	18.9
5 11	17 1.57	−44 30.3	2.033	2.918	11.5	18.8
5 21	16 52.59	−44 42.6	1.982	2.917	9.2	18.6
5 31	16 42.12	−44 33.0	1.955	2.917	7.7	18.5
6 10	16 31.46	−44 1.0	1.954	2.917	7.7	18.5
6 20	16 21.89	−43 9.4	1.978	2.917	9.3	18.6
6 30	16 14.45	−42 4.0	2.025	2.917	11.5	18.8
7 10	16 9.81	−40 51.7	2.095	2.917	13.9	18.9

264014 2009 PY_{6} 6 1.9 12.°34 5.°5/31.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 2.13	−13 14.0	1.196	2.097	16.4	19.3
5 11	16 57.59	−12 15.0	1.144	2.099	12.2	19.0
5 21	16 50.44	−11 20.4	1.112	2.102	7.9	18.8
5 31	16 41.78	−10 35.7	1.102	2.106	5.5	18.7
6 10	16 33.00	−10 5.8	1.116	2.110	7.7	18.8
6 20	16 25.43	− 9 53.5	1.152	2.116	11.8	19.1
6 30	16 20.16	− 9 59.5	1.209	2.122	16.0	19.3
7 10	16 17.81	−10 22.1	1.283	2.130	19.6	19.6

503516 2016 FW_{8} 6 1.9 13.°65 0.°3/ 1.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 4.96	−21 16.2	1.123	2.024	17.2	20.3
5 11	17 0.03	−21 48.8	1.069	2.027	12.4	20.0
5 21	16 52.01	−22 20.7	1.035	2.031	7.0	19.7
5 31	16 42.05	−22 49.8	1.023	2.036	1.2	19.4
6 10	16 31.81	−23 15.4	1.034	2.042	4.7	19.6
6 20	16 22.90	−23 37.7	1.068	2.049	10.3	20.0
6 30	16 16.67	−23 59.0	1.123	2.057	15.2	20.3
7 10	16 13.87	−24 21.3	1.196	2.066	19.2	20.5

106030 2000 SB_{300} 6 1.9 106.°31 4.°6/ 3.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 12.81	−33 33.7	1.624	2.479	15.3	19.6
5 11	17 4.95	−33 58.6	1.572	2.499	11.6	19.4
5 21	16 54.42	−34 9.3	1.542	2.518	7.8	19.2
5 31	16 42.41	−34 2.9	1.538	2.537	4.9	19.1
6 10	16 30.42	−33 39.8	1.559	2.556	5.6	19.2
6 20	16 19.85	−33 3.8	1.607	2.573	8.9	19.4
6 30	16 11.80	−32 21.0	1.679	2.591	12.4	19.6
7 10	16 6.82	−31 37.6	1.772	2.607	15.5	19.9

335181 2005 BM_{9} 6 1.9 228.°90 2.°9/ 2.9 18

2020	α_{2000} h m	δ_{2000} ° ′	Δ	r	β °	V m
5 1	17 7.52	−31 50.4	2.577	3.420	10.6	22.2
5 11	17 0.66	−32 0.9	2.482	3.406	8.1	22.0
5 21	16 51.94	−32 2.8	2.413	3.390	5.3	21.8
5 31	16 42.04	−31 54.4	2.371	3.374	3.1	21.6
6 10	16 31.85	−31 35.8	2.359	3.357	3.8	21.6
6 20	16 22.27	−31 8.7	2.375	3.339	6.5	21.8
6 30	16 14.13	−30 36.2	2.418	3.321	9.5	21.9
7 10	16 8.02	−30 2.1	2.484	3.302	12.1	22.1

371935 2008 EV_{78} 6 1.9 29.°14 4.°7/ 2.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 7.91	−30 53.7	1.336	2.214	16.5	20.5
5 11	17 2.02	−31 41.1	1.278	2.219	12.5	20.3
5 21	16 53.08	−32 17.1	1.242	2.225	8.2	20.1
5 31	16 42.23	−32 37.5	1.228	2.232	4.9	19.9
6 10	16 31.10	−32 41.0	1.239	2.239	6.1	20.0
6 20	16 21.31	−32 30.0	1.274	2.247	10.0	20.2
6 30	16 14.17	−32 9.8	1.331	2.255	14.1	20.5
7 10	16 10.43	−31 46.6	1.406	2.263	17.7	20.7

396977 2005 SK_{100} 6 1.9 239.°15 1.°2/ 1.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 1.92	−19 36.5	2.601	3.470	9.7	21.3
5 11	16 56.42	−19 9.7	2.516	3.460	7.0	21.1
5 21	16 49.47	−18 40.8	2.457	3.448	4.0	20.9
5 31	16 41.63	−18 11.1	2.425	3.437	1.3	20.7
6 10	16 33.64	−17 42.3	2.422	3.425	3.2	20.8
6 20	16 26.18	−17 16.5	2.448	3.413	6.3	21.0
6 30	16 19.92	−16 55.5	2.500	3.401	9.3	21.2
7 10	16 15.32	−16 40.8	2.575	3.388	11.9	21.3

37574 1990 QE_{6} 6 1.9 321.°78 14.°2/ 3.6 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 11.88	−51 15.1	1.527	2.325	18.8	18.1
5 11	17 6.34	−53 2.5	1.447	2.303	16.9	17.9
5 21	16 56.33	−54 27.2	1.386	2.281	15.3	17.7
5 31	16 42.86	−55 17.9	1.344	2.260	14.3	17.6
6 10	16 28.08	−55 27.5	1.322	2.240	14.5	17.6
6 20	16 14.56	−54 55.8	1.320	2.220	15.8	17.6
6 30	16 4.64	−53 49.9	1.336	2.201	17.9	17.7
7 10	15 59.66	−52 22.0	1.370	2.183	20.3	17.8

115576 2003 UM_{88} 6 1.9 103.°15 4.°0/ 1.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 4.98	−10 2.8	2.090	2.956	11.9	19.0
5 11	16 58.67	− 9 58.1	2.035	2.971	8.9	18.8
5 21	16 50.71	− 9 59.9	2.004	2.985	5.8	18.6
5 31	16 41.82	−10 9.7	1.999	2.999	4.0	18.6
6 10	16 32.90	−10 28.0	2.023	3.012	5.3	18.7
6 20	16 24.77	−10 54.9	2.073	3.026	8.1	18.9
6 30	16 18.14	−11 29.7	2.149	3.039	11.0	19.1
7 10	16 13.50	−12 11.3	2.246	3.052	13.6	19.3

391379 2006 WP_{62} 6 1.9 178.°43 2.°4/ 2.7 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 5.45	−29 33.5	2.627	3.479	10.2	21.9
5 11	16 59.05	−30 1.4	2.551	3.480	7.6	21.7
5 21	16 50.98	−30 23.0	2.500	3.481	4.8	21.5
5 31	16 41.88	−30 36.7	2.476	3.481	2.6	21.4
6 10	16 32.58	−30 42.3	2.482	3.481	3.5	21.4
6 20	16 23.90	−30 40.6	2.516	3.481	6.1	21.6
6 30	16 16.57	−30 33.9	2.576	3.481	8.9	21.8
7 10	16 11.13	−30 24.8	2.660	3.480	11.3	21.9

40007 Vieuxtemps 6 1.9 284.°06 1.°5/ 2.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 6.59	−24 44.6	1.806	2.679	13.1	18.8
5 11	17 0.59	−25 16.5	1.720	2.664	9.6	18.5
5 21	16 52.17	−25 45.0	1.657	2.648	5.7	18.3
5 31	16 42.11	−26 8.2	1.620	2.631	1.8	18.0
6 10	16 31.54	−26 25.1	1.610	2.615	3.9	18.1
6 20	16 21.67	−26 36.2	1.626	2.599	8.2	18.3
6 30	16 13.62	−26 43.6	1.667	2.583	12.2	18.5
7 10	16 8.18	−26 50.2	1.729	2.567	15.7	18.7

422908 2002 RQ_{204} 6 1.9 262.°62 0.°9/ 2.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 7.16	−24 55.4	1.666	2.542	13.9	21.5
5 11	17 1.07	−24 54.9	1.581	2.527	10.2	21.3
5 21	16 52.45	−24 48.0	1.520	2.512	5.9	21.0
5 31	16 42.15	−24 34.2	1.484	2.497	1.4	20.6
6 10	16 31.42	−24 14.4	1.474	2.481	4.0	20.8
6 20	16 21.53	−23 51.1	1.491	2.465	8.6	21.0
6 30	16 13.65	−23 28.1	1.531	2.449	13.0	21.2
7 10	16 8.54	−23 9.3	1.591	2.432	16.7	21.4

364351 2006 UF_{209} 6 1.9 288.°55 1.°6/ 1.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 5.81	−19 42.6	1.515	2.401	14.5	21.6
5 11	17 0.34	−19 22.3	1.424	2.376	10.6	21.3
5 21	16 52.17	−18 59.2	1.356	2.350	6.1	21.0
5 31	16 42.13	−18 34.5	1.311	2.324	1.8	20.6
6 10	16 31.48	−18 10.5	1.293	2.298	4.8	20.8
6 20	16 21.57	−17 50.4	1.299	2.272	9.9	21.0
6 30	16 13.67	−17 37.4	1.328	2.245	14.6	21.2
7 10	16 8.67	−17 34.1	1.376	2.219	18.7	21.4

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5725 Nördlingen			6 1.9 115°.72	4°.1/ 2.2 18		
	h m	° ′			°	m
5 1	17 12.01	−29 32.7	1.881	2.737	13.4	17.2
5 11	17 4.46	−30 53.4	1.812	2.742	10.1	17.0
5 21	16 54.32	−32 7.9	1.768	2.747	6.7	16.8
5 31	16 42.46	−33 11.2	1.751	2.752	4.2	16.7
6 10	16 30.15	−34 0.0	1.763	2.757	5.3	16.8
6 20	16 18.71	−34 33.7	1.801	2.762	8.5	17.0
6 30	16 9.30	−34 54.9	1.865	2.767	11.9	17.2
7 10	16 2.71	−35 7.9	1.950	2.771	14.8	17.4
193658 2001 DH_{50}			6 1.9 144°.16	1°.1/ 2.2 18		
5 1	17 6.74	−24 36.7	2.066	2.933	12.0	20.3
5 11	17 0.20	−24 55.7	1.998	2.939	8.7	20.1
5 21	16 51.69	−25 10.4	1.954	2.944	5.0	19.9
5 31	16 42.01	−25 19.8	1.938	2.950	1.4	19.7
6 10	16 32.16	−25 24.0	1.949	2.955	3.3	19.8
6 20	16 23.12	−25 24.1	1.988	2.960	7.1	20.1
6 30	16 15.76	−25 22.3	2.053	2.964	10.5	20.3
7 10	16 10.65	−25 21.3	2.140	2.968	13.4	20.5
387779 2003 UA_{91}			6 1.9 213°.47	1°.0/ 2.2 18		
5 1	17 6.12	−25 0.7	2.453	3.314	10.6	21.7
5 11	16 59.61	−25 15.5	2.369	3.306	7.7	21.5
5 21	16 51.34	−25 26.2	2.309	3.298	4.5	21.3
5 31	16 41.97	−25 32.0	2.278	3.290	1.3	21.1
6 10	16 32.33	−25 32.9	2.276	3.281	3.0	21.2
6 20	16 23.29	−25 30.1	2.302	3.271	6.4	21.4
6 30	16 15.63	−25 25.3	2.355	3.261	9.5	21.6
7 10	16 9.93	−25 21.1	2.430	3.250	12.3	21.7
248160 2004 VU_{8}			6 1.9 239°.82	0°.2/ 1.9 18		
5 1	17 7.22	−21 47.3	2.133	3.000	11.7	20.8
5 11	17 0.66	−22 10.2	2.045	2.987	8.5	20.6
5 21	16 52.06	−22 31.9	1.982	2.974	4.8	20.4
5 31	16 42.10	−22 51.1	1.947	2.960	0.8	20.0
6 10	16 31.75	−23 7.6	1.940	2.946	3.3	20.2
6 20	16 22.00	−23 21.8	1.961	2.931	7.2	20.4
6 30	16 13.80	−23 35.0	2.008	2.916	10.8	20.6
7 10	16 7.80	−23 49.1	2.077	2.900	14.0	20.8
87772 2000 SQ_{97}			6 1.9 298°.33	1°.2/ 1.5 18		
5 1	17 3.90	−21 17.1	1.605	2.490	13.8	19.5
5 11	16 58.68	−20 41.8	1.522	2.473	10.0	19.2
5 21	16 51.08	−20 1.2	1.462	2.457	5.7	18.9
5 31	16 41.94	−19 17.3	1.427	2.440	1.4	18.6
6 10	16 32.45	−18 33.2	1.418	2.423	4.4	18.8
6 20	16 23.79	−17 52.9	1.435	2.407	9.1	19.0
6 30	16 17.06	−17 20.3	1.474	2.391	13.4	19.2
7 10	16 12.97	−16 58.3	1.534	2.375	17.2	19.4
149965 2005 TB_{105}			6 1.9 277°.20	1°.9/ 2.6 18		
5 1	17 3.66	−28 36.4	2.321	3.182	11.0	20.3
5 11	16 58.01	−28 35.6	2.228	3.165	8.2	20.1
5 21	16 50.52	−28 27.3	2.160	3.147	5.0	19.9
5 31	16 41.85	−28 10.9	2.119	3.129	2.1	19.7
6 10	16 32.89	−27 47.0	2.106	3.111	3.4	19.7
6 20	16 24.55	−27 17.6	2.121	3.092	6.7	19.9
6 30	16 17.65	−26 45.9	2.161	3.074	10.0	20.1
7 10	16 12.79	−26 15.3	2.224	3.055	12.9	20.2
438603 2007 VL_{173}			6 1.9 191°.78	0°.9/ 2.1 18		
5 1	17 6.91	−23 31.9	2.493	3.353	10.4	21.7
5 11	17 0.15	−24 5.8	2.414	3.351	7.6	21.5
5 21	16 51.64	−24 37.4	2.360	3.350	4.3	21.3
5 31	16 42.03	−25 5.4	2.335	3.347	1.2	21.0
6 10	16 32.16	−25 28.9	2.340	3.345	2.9	21.2
6 20	16 22.87	−25 48.3	2.373	3.342	6.3	21.4
6 30	16 14.95	−26 4.6	2.434	3.338	9.3	21.6
7 10	16 8.95	−26 19.8	2.517	3.334	12.0	21.7
471742 2012 UN_{48}			6 1.9 216°.27	0°.5/ 1.8 17		
5 1	17 4.14	−21 23.4	2.124	2.997	11.5	22.1
5 11	16 58.29	−21 13.4	2.048	2.993	8.3	21.9
5 21	16 50.62	−21 0.5	1.997	2.990	4.6	21.7
5 31	16 41.86	−20 45.5	1.972	2.986	0.8	21.4
6 10	16 32.91	−20 29.6	1.976	2.982	3.3	21.6
6 20	16 24.68	−20 14.6	2.007	2.977	7.1	21.8
6 30	16 17.97	−20 2.8	2.063	2.973	10.5	22.0
7 10	16 13.32	−19 56.0	2.141	2.968	13.5	22.2
4056 Timwarner			6 1.9 100°.49	7°.3/31.0 18		
5 1	17 4.31	− 3 28.8	1.833	2.693	13.6	16.8
5 11	16 58.36	− 2 48.7	1.782	2.704	10.8	16.6
5 21	16 50.60	− 2 20.9	1.753	2.714	8.3	16.5
5 31	16 41.84	− 2 8.8	1.749	2.725	7.3	16.4
6 10	16 33.06	− 2 14.7	1.771	2.735	8.3	16.5
6 20	16 25.14	− 2 38.2	1.818	2.745	10.7	16.7
6 30	16 18.87	− 3 18.0	1.888	2.755	13.4	16.9
7 10	16 14.74	− 4 10.9	1.977	2.765	15.8	17.1

2020	α_{2000}	δ_{2000}	Δ	r	β	V
507100 2009 HM_{44}			6 1.9 10°.92	4°.3/ 1.6 17		
	h m	° ′			°	m
5 1	17 3.63	− 9 47.5	1.624	2.504	14.0	19.8
5 11	16 58.23	−10 9.2	1.563	2.507	10.5	19.6
5 21	16 50.70	−10 41.1	1.525	2.511	6.8	19.4
5 31	16 41.88	−11 23.6	1.512	2.515	4.3	19.3
6 10	16 32.86	−12 16.3	1.525	2.521	5.8	19.4
6 20	16 24.72	−13 17.3	1.563	2.527	9.3	19.6
6 30	16 18.38	−14 24.7	1.626	2.535	12.9	19.8
7 10	16 14.48	−15 36.4	1.708	2.543	16.0	20.1
251695 1995 WC_{33}			6 1.9 231°.17	1°.0/ 1.6 18 R		
5 1	17 7.37	−19 57.2	1.883	2.756	12.7	21.5
5 11	17 0.90	−19 50.0	1.800	2.745	9.2	21.3
5 21	16 52.22	−19 41.1	1.741	2.733	5.2	21.0
5 31	16 42.14	−19 30.8	1.708	2.721	1.2	20.7
6 10	16 31.71	−19 20.5	1.703	2.708	3.9	20.9
6 20	16 22.03	−19 12.0	1.725	2.694	8.1	21.1
6 30	16 14.09	−19 7.3	1.772	2.680	12.0	21.3
7 10	16 8.56	−19 8.5	1.840	2.665	15.4	21.5
131660 2001 XM_{144}			6 1.9 187°.04	1°.7/ 1.4 18		
5 1	17 6.12	−17 22.7	2.056	2.927	11.9	20.6
5 11	16 59.71	−17 17.7	1.983	2.927	8.6	20.4
5 21	16 51.42	−17 13.3	1.935	2.926	4.9	20.2
5 31	16 42.00	−17 10.3	1.914	2.925	1.8	20.0
6 10	16 32.38	−17 9.7	1.921	2.923	3.9	20.1
6 20	16 23.51	−17 12.7	1.955	2.921	7.6	20.3
6 30	16 16.21	−17 20.3	2.015	2.918	11.0	20.5
7 10	16 11.06	−17 33.6	2.097	2.915	14.0	20.7
429992 2013 PU_{38}			6 1.9 258°.87	3°.5/ 3.4 18		
5 1	17 9.89	−33 39.0	2.007	2.854	13.1	21.4
5 11	17 2.87	−33 24.6	1.906	2.831	10.0	21.1
5 21	16 53.41	−32 55.8	1.828	2.806	6.7	20.9
5 31	16 42.34	−32 10.8	1.777	2.781	3.8	20.6
6 10	16 30.87	−31 10.6	1.754	2.754	4.6	20.6
6 20	16 20.23	−29 59.1	1.759	2.727	8.1	20.8
6 30	16 11.52	−28 42.4	1.790	2.700	11.8	20.9
7 10	16 5.47	−27 27.2	1.842	2.672	15.2	21.1
100167 1993 UN_{2}			6 1.9 87°.91	1°.9/ 2.5 17		
5 1	17 8.35	−27 44.1	1.705	2.574	13.9	20.1
5 11	17 1.50	−27 41.5	1.653	2.594	10.2	19.9
5 21	16 52.42	−27 30.0	1.624	2.613	6.0	19.7
5 31	16 42.14	−27 9.2	1.621	2.632	2.2	19.5
6 10	16 31.92	−26 40.8	1.645	2.651	3.9	19.7
6 20	16 22.89	−26 8.0	1.695	2.669	7.9	19.9
6 30	16 15.98	−25 35.3	1.770	2.687	11.6	20.2
7 10	16 11.70	−25 6.2	1.866	2.705	14.7	20.4
491333 2011 WP_{143}			6 1.9 230°.95	0°.9/ 2.4 18		
5 1	17 2.85	−26 42.3	2.354	3.220	10.8	21.1
5 11	16 57.23	−26 20.1	2.278	3.218	7.8	20.9
5 21	16 49.97	−25 51.0	2.226	3.215	4.5	20.7
5 31	16 41.76	−25 15.6	2.201	3.213	1.3	20.4
6 10	16 33.45	−24 35.6	2.205	3.211	2.9	20.6
6 20	16 25.84	−23 53.7	2.236	3.208	6.3	20.8
6 30	16 19.66	−23 13.1	2.294	3.206	9.5	21.0
7 10	16 15.40	−22 36.8	2.375	3.204	12.2	21.1
208655 2002 FG_{12}			6 1.9 142°.77	1°.0/ 2.2 17		
5 1	17 10.28	−24 52.5	1.740	2.609	13.7	21.2
5 11	17 2.96	−24 59.9	1.678	2.620	10.0	21.0
5 21	16 53.31	−25 1.3	1.639	2.630	5.7	20.7
5 31	16 42.31	−24 56.0	1.627	2.640	1.5	20.5
6 10	16 31.19	−24 44.7	1.642	2.648	3.7	20.6
6 20	16 21.17	−24 29.7	1.685	2.657	8.0	20.9
6 30	16 13.22	−24 14.4	1.752	2.664	11.9	21.2
7 10	16 7.97	−24 2.0	1.840	2.671	15.2	21.4
338589 2003 SP_{144}			6 1.9 301°.26	8°.8/ 4.4 16		
5 1	17 9.15	−43 26.9	1.755	2.580	15.6	20.1
5 11	17 3.05	−44 12.9	1.669	2.562	13.1	19.9
5 21	16 53.81	−44 39.8	1.604	2.544	10.6	19.7
5 31	16 42.44	−44 41.7	1.562	2.527	9.0	19.6
6 10	16 30.49	−44 16.0	1.543	2.509	9.1	19.5
6 20	16 19.62	−43 24.9	1.548	2.492	11.0	19.6
6 30	16 11.27	−42 15.0	1.576	2.475	13.8	19.7
7 10	16 6.33	−40 55.4	1.624	2.458	16.8	19.9
500173 2012 FX_{40}			6 1.9 40°.24	0°.8/ 2.1 17		
5 1	17 6.04	−24 26.1	1.292	2.183	16.1	21.3
5 11	17 0.41	−24 23.6	1.240	2.193	11.7	21.1
5 21	16 52.05	−24 14.5	1.209	2.203	6.6	20.8
5 31	16 42.11	−23 58.5	1.201	2.214	1.4	20.5
6 10	16 32.10	−23 37.8	1.218	2.225	4.3	20.7
6 20	16 23.44	−23 15.6	1.259	2.237	9.4	21.1
6 30	16 17.24	−22 55.9	1.322	2.250	13.8	21.4
7 10	16 14.13	−22 42.2	1.404	2.262	17.6	21.6

195203 2002 CN_{301} 6 1.9 349°.64 3°.4/ 2.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 1	17 1.12	−29 34.7	1.226	2.120	16.6	19.1
5 11	16 57.34	−29 42.2	1.158	2.110	12.4	18.8
5 21	16 50.58	−29 37.2	1.111	2.101	7.8	18.5
5 31	16 41.91	−29 18.0	1.085	2.094	3.7	18.2
6 10	16 32.86	−28 45.7	1.082	2.088	5.2	18.3
6 20	16 25.00	−28 4.6	1.102	2.083	10.0	18.5
6 30	16 19.67	−27 20.7	1.143	2.080	14.6	18.8
7 10	16 17.64	−26 40.2	1.202	2.079	18.7	19.0

403224 2008 UJ_{211} 6 1.9 272°.14 1°.7/ 2.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 8.60	−25 37.6	1.324	2.209	16.2	21.9
5 11	17 2.66	−25 50.6	1.249	2.198	11.9	21.6
5 21	16 53.59	−25 56.7	1.195	2.187	7.0	21.3
5 31	16 42.41	−25 53.8	1.164	2.176	2.1	21.0
6 10	16 30.70	−25 42.1	1.158	2.165	4.7	21.1
6 20	16 20.09	−25 24.4	1.177	2.154	10.0	21.4
6 30	16 12.01	−25 5.2	1.217	2.143	15.0	21.6
7 10	16 7.34	−24 49.5	1.276	2.131	19.2	21.8

95532 2002 EA_{76} 6 1.9 305°.94 0°.0/ 1.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 1.98	−23 45.3	2.171	3.044	11.2	19.2
5 11	16 56.74	−23 16.6	2.091	3.036	8.1	19.0
5 21	16 49.77	−22 42.5	2.036	3.028	4.5	18.7
5 31	16 41.76	−22 3.9	2.007	3.021	0.7	18.4
6 10	16 33.59	−21 23.3	2.007	3.013	3.1	18.6
6 20	16 26.12	−20 43.4	2.034	3.006	6.9	18.8
6 30	16 20.11	−20 7.2	2.086	2.998	10.3	19.0
7 10	16 16.09	−19 37.3	2.160	2.991	13.2	19.2

465837 2010 ME_{45} 6 1.9 273°.06 1°.3/ 2.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 7.52	−25 8.3	1.499	2.380	14.9	21.3
5 11	17 1.59	−25 18.0	1.420	2.367	10.9	21.0
5 21	16 52.87	−25 21.6	1.363	2.355	6.4	20.7
5 31	16 42.30	−25 17.7	1.330	2.343	1.8	20.4
6 10	16 31.25	−25 6.7	1.323	2.330	4.3	20.5
6 20	16 21.16	−24 51.0	1.342	2.317	9.2	20.8
6 30	16 13.29	−24 34.3	1.383	2.305	13.8	21.0
7 10	16 8.46	−24 20.9	1.443	2.292	17.7	21.2

284102 2005 QO_{177} 6 1.9 174°.69 1°.7/ 2.3 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 10.38	−26 14.9	1.406	2.284	15.8	21.9
5 11	17 3.61	−26 20.6	1.340	2.286	11.6	21.6
5 21	16 53.93	−26 18.0	1.296	2.287	6.8	21.4
5 31	16 42.46	−26 5.7	1.276	2.288	2.1	21.1
6 10	16 30.72	−25 44.8	1.282	2.289	4.5	21.2
6 20	16 20.24	−25 18.5	1.313	2.289	9.4	21.5
6 30	16 12.26	−24 51.8	1.367	2.288	14.0	21.8
7 10	16 7.51	−24 29.2	1.440	2.288	17.8	22.0

126890 2002 EZ_{101} 6 1.9 157°.15 5°.2/31.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 5.37	− 7 34.5	1.957	2.820	12.7	20.1
5 11	16 59.15	− 7 22.0	1.892	2.824	9.7	19.9
5 21	16 51.11	− 7 18.3	1.852	2.827	6.8	19.7
5 31	16 41.98	− 7 25.5	1.837	2.830	5.2	19.6
6 10	16 32.71	− 7 44.8	1.850	2.832	6.4	19.7
6 20	16 24.22	− 8 16.1	1.889	2.835	9.2	19.9
6 30	16 17.29	− 8 58.2	1.952	2.837	12.2	20.0
7 10	16 12.48	− 9 49.4	2.037	2.839	14.9	20.2

242053 2002 RV_{244} 6 1.9 336°.79 5°.7/30.9 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	16 59.71	−12 4.0	1.407	2.302	14.8	19.5
5 11	16 55.79	−11 4.6	1.335	2.287	11.1	19.2
5 21	16 49.52	−10 8.7	1.285	2.272	7.5	19.0
5 31	16 41.76	− 9 21.6	1.258	2.258	5.7	18.8
6 10	16 33.67	− 8 48.4	1.255	2.245	7.6	18.9
6 20	16 26.44	− 8 32.3	1.274	2.233	11.5	19.1
6 30	16 21.13	− 8 34.7	1.315	2.222	15.4	19.3
7 10	16 18.44	− 8 54.5	1.374	2.213	19.0	19.5

435665 2008 SN_{290} 6 1.9 237°.28 2°.5/ 1.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 3.81	−17 8.2	1.907	2.785	12.3	21.6
5 11	16 58.17	−16 33.9	1.835	2.782	8.9	21.3
5 21	16 50.61	−15 59.1	1.786	2.778	5.3	21.1
5 31	16 41.92	−15 26.2	1.764	2.774	2.5	20.9
6 10	16 33.05	−14 57.7	1.770	2.770	4.5	21.0
6 20	16 24.97	−14 36.0	1.801	2.765	8.3	21.3
6 30	16 18.51	−14 23.2	1.857	2.761	11.8	21.5
7 10	16 14.23	−14 20.1	1.934	2.757	14.9	21.7

282665 2005 UT_{469} 6 1.9 113°.60 0°.2/ 2.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 2.45	−24 34.2	2.400	3.268	10.5	20.8
5 11	16 56.86	−24 5.9	2.330	3.272	7.5	20.7
5 21	16 49.74	−23 32.2	2.285	3.276	4.2	20.5
5 31	16 41.76	−22 54.2	2.267	3.280	0.7	20.2
6 10	16 33.73	−22 13.9	2.278	3.284	2.8	20.4
6 20	16 26.41	−21 33.9	2.317	3.288	6.2	20.6
6 30	16 20.46	−20 57.0	2.382	3.292	9.3	20.8
7 10	16 16.35	−20 25.5	2.470	3.296	11.9	21.0

424142 2007 GQ_{1} 6 1.9 53°.48 5°.9/31.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 1	17 3.81	− 9 7.7	1.567	2.447	14.4	20.5
5 11	16 58.28	− 8 25.4	1.516	2.457	10.9	20.3
5 21	16 50.68	− 7 51.5	1.487	2.467	7.6	20.2
5 31	16 41.92	− 7 29.7	1.483	2.477	5.9	20.1
6 10	16 33.13	− 7 22.8	1.503	2.488	7.4	20.2
6 20	16 25.34	− 7 31.7	1.549	2.498	10.5	20.4
6 30	16 19.42	− 7 55.7	1.616	2.509	13.9	20.6
7 10	16 15.91	− 8 32.6	1.703	2.520	16.8	20.9

149985 2005 UL_{57} 6 1.9 70°.96 2°.2/ 2.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 7.60	−27 2.2	1.600	2.475	14.4	20.1
5 11	17 1.28	−27 22.9	1.541	2.485	10.6	19.9
5 21	16 52.49	−27 36.0	1.505	2.495	6.3	19.7
5 31	16 42.25	−27 40.0	1.494	2.504	2.5	19.4
6 10	16 31.87	−27 35.1	1.509	2.514	4.2	19.6
6 20	16 22.62	−27 23.4	1.550	2.524	8.4	19.8
6 30	16 15.54	−27 8.8	1.615	2.534	12.3	20.1
7 10	16 11.27	−26 55.0	1.700	2.544	15.6	20.3

302419 2002 CZ_{221} 6 1.9 174°.32 1°.6/ 2.6 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 3.73	−28 6.3	2.606	3.464	10.1	21.9
5 11	16 57.78	−28 4.2	2.531	3.465	7.4	21.8
5 21	16 50.28	−27 55.6	2.481	3.467	4.5	21.6
5 31	16 41.88	−27 40.2	2.458	3.468	1.8	21.4
6 10	16 33.37	−27 19.0	2.464	3.469	2.9	21.5
6 20	16 25.51	−26 53.6	2.499	3.469	5.9	21.7
6 30	16 18.98	−26 26.8	2.560	3.469	8.8	21.8
7 10	16 14.25	−26 1.2	2.645	3.469	11.3	22.0

42919 1999 SS_{4} 6 1.9 303°.79 0°.3/ 2.0 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 5.38	−23 11.9	1.333	2.224	15.7	19.0
5 11	17 0.45	−23 10.1	1.244	2.198	11.6	18.7
5 21	16 52.47	−23 3.0	1.177	2.172	6.6	18.3
5 31	16 42.31	−22 50.2	1.133	2.147	1.2	17.9
6 10	16 31.41	−22 32.8	1.113	2.121	4.6	18.1
6 20	16 21.33	−22 13.6	1.118	2.096	10.3	18.3
6 30	16 13.56	−21 56.9	1.143	2.071	15.5	18.5
7 10	16 9.09	−21 46.6	1.187	2.047	20.0	18.7

370178 2002 CO_{12} 6 1.9 166°.13 9°.3/29.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 4.90	+11 33.9	2.798	3.573	11.7	22.5
5 11	16 58.32	+12 22.4	2.747	3.580	10.4	22.4
5 21	16 50.46	+12 54.5	2.719	3.587	9.6	22.4
5 31	16 41.91	+13 6.7	2.715	3.592	9.3	22.4
6 10	16 33.32	+12 57.5	2.736	3.597	9.8	22.4
6 20	16 25.34	+12 27.3	2.782	3.601	10.9	22.5
6 30	16 18.51	+11 38.4	2.849	3.604	12.2	22.6
7 10	16 13.24	+10 33.9	2.936	3.606	13.5	22.7

175871 1999 VV_{125} 6 1.9 223°.27 0°.4/ 2.1 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 8.21	−23 31.3	1.889	2.758	12.8	21.6
5 11	17 1.56	−23 31.3	1.806	2.749	9.3	21.4
5 21	16 52.65	−23 26.8	1.748	2.739	5.3	21.1
5 31	16 42.30	−23 17.3	1.716	2.729	1.0	20.8
6 10	16 31.62	−23 3.8	1.712	2.718	3.6	21.0
6 20	16 21.73	−22 48.1	1.735	2.706	7.9	21.2
6 30	16 13.64	−22 33.2	1.783	2.694	11.8	21.4
7 10	16 8.04	−22 22.2	1.852	2.681	15.2	21.6

138229 2000 FV_{18} 6 1.9 152°.66 4°.4/31.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 6.82	−10 10.7	1.995	2.859	12.4	20.0
5 11	17 0.14	− 9 52.0	1.933	2.868	9.3	19.8
5 21	16 51.65	− 9 39.4	1.895	2.875	6.2	19.7
5 31	16 42.12	− 9 35.0	1.884	2.882	4.4	19.6
6 10	16 32.50	− 9 40.4	1.901	2.889	5.7	19.7
6 20	16 23.69	− 9 55.9	1.945	2.895	8.7	19.8
6 30	16 16.49	−10 21.3	2.014	2.900	11.8	20.1
7 10	16 11.42	−10 55.7	2.103	2.905	14.5	20.2

478261 2011 UB_{400} 6 1.9 162°.18 1°.3/ 1.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 2.37	−18 5.3	2.675	3.542	9.6	22.3
5 11	16 56.68	−17 53.9	2.604	3.546	6.9	22.1
5 21	16 49.63	−17 42.4	2.559	3.550	3.9	22.0
5 31	16 41.80	−17 31.5	2.542	3.553	1.4	21.8
6 10	16 33.87	−17 22.3	2.554	3.556	3.1	21.9
6 20	16 26.52	−17 15.9	2.595	3.559	6.0	22.1
6 30	16 20.34	−17 13.7	2.661	3.561	8.8	22.3
7 10	16 15.77	−17 16.2	2.751	3.564	11.2	22.5

14851 1989 SD 6 1.9 252°.72 1°.2/ 2.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 9.68	−25 0.8	1.452	2.331	15.4	18.1
5 11	17 3.30	−25 8.6	1.370	2.317	11.3	17.8
5 21	16 53.95	−25 10.0	1.311	2.303	6.6	17.5
5 31	16 42.58	−25 3.4	1.276	2.288	1.7	17.1
6 10	16 30.64	−24 49.4	1.266	2.273	4.4	17.3
6 20	16 19.68	−24 30.4	1.282	2.257	9.6	17.5
6 30	16 11.07	−24 10.7	1.321	2.241	14.4	17.8
7 10	16 5.67	−23 54.9	1.379	2.225	18.5	18.0

2020	α_{2000}	δ_{2000}	Δ	r	β	V
248453 2005 TX_{172}		6 1.9 261.°73	1.°2/ 2.4 18			
	h m	° ′			°	m
5 1	17 4.08	−26 43.2	2.714	3.572	9.7	21.8
5 11	16 58.15	−26 40.4	2.612	3.548	7.2	21.6
5 21	16 50.59	−26 32.1	2.536	3.524	4.2	21.3
5 31	16 41.99	−26 17.8	2.488	3.499	1.4	21.1
6 10	16 33.10	−25 58.1	2.468	3.473	2.8	21.2
6 20	16 24.67	−25 34.6	2.478	3.448	6.0	21.3
6 30	16 17.45	−25 9.8	2.514	3.421	9.0	21.5
7 10	16 11.98	−24 46.2	2.574	3.394	11.7	21.6
45401 2000 AX_{140}		6 1.9 190.°17	2.°5/ 1.0 18			
5 1	17 6.64	−16 44.9	2.059	2.929	11.9	19.4
5 11	17 0.08	−16 11.0	1.986	2.928	8.6	19.2
5 21	16 51.67	−15 36.9	1.937	2.927	5.1	19.0
5 31	16 42.16	−15 4.4	1.915	2.924	2.5	18.8
6 10	16 32.50	−14 36.1	1.922	2.921	4.4	18.9
6 20	16 23.61	−14 14.2	1.957	2.917	8.0	19.1
6 30	16 16.31	−14 0.6	2.016	2.912	11.4	19.3
7 10	16 11.13	−13 56.3	2.097	2.907	14.3	19.5
505701 2014 YF_{41}		6 1.9 193.°62	3.°8/ 2.9 17			
5 1	17 9.45	−31 38.2	1.830	2.688	13.7	21.1
5 11	17 2.61	−32 2.0	1.756	2.686	10.4	20.9
5 21	16 53.30	−32 15.2	1.705	2.685	6.8	20.7
5 31	16 42.45	−32 15.3	1.680	2.683	4.0	20.5
6 10	16 31.30	−32 1.8	1.682	2.681	4.9	20.6
6 20	16 21.13	−31 37.1	1.710	2.678	8.3	20.8
6 30	16 13.03	−31 5.7	1.763	2.675	11.9	21.0
7 10	16 7.69	−30 32.8	1.837	2.671	15.1	21.2
172830 2005 AB_{82}		6 1.9 27.°91	1.°9/ 1.4 17			
5 1	17 3.63	−20 56.4	1.065	1.971	17.5	18.8
5 11	16 58.93	−20 9.5	1.021	1.981	12.6	18.6
5 21	16 51.33	−19 17.9	0.995	1.993	7.1	18.3
5 31	16 42.11	−18 25.5	0.992	2.005	2.1	18.0
6 10	16 32.92	−17 37.6	1.012	2.018	5.5	18.3
6 20	16 25.24	−16 59.2	1.054	2.033	10.8	18.6
6 30	16 20.20	−16 33.9	1.117	2.048	15.5	18.9
7 10	16 18.37	−16 22.9	1.197	2.064	19.5	19.2
183297 2002 UZ_{5}		6 1.9 216.°29	4.°6/31.5 17			
5 1	17 5.62	−11 24.8	1.830	2.702	13.0	21.0
5 11	16 59.55	−10 47.3	1.757	2.697	9.8	20.8
5 21	16 51.47	−10 14.4	1.708	2.691	6.5	20.6
5 31	16 42.15	− 9 49.1	1.685	2.685	4.6	20.5
6 10	16 32.61	− 9 34.2	1.689	2.678	6.2	20.6
6 20	16 23.86	− 9 31.4	1.719	2.671	9.5	20.7
6 30	16 16.77	− 9 41.2	1.773	2.663	13.0	20.9
7 10	16 11.96	−10 3.2	1.846	2.655	16.0	21.1
250736 2005 SK_{89}		6 1.9 222.°17	1.°4/ 1.4 17			
5 1	17 1.93	−18 57.4	2.351	3.224	10.5	21.1
5 11	16 56.57	−18 32.3	2.277	3.222	7.5	20.9
5 21	16 49.66	−18 5.9	2.228	3.220	4.3	20.7
5 31	16 41.84	−17 39.5	2.206	3.218	1.5	20.5
6 10	16 33.91	−17 15.0	2.213	3.216	3.4	20.6
6 20	16 26.61	−16 54.3	2.248	3.214	6.7	20.8
6 30	16 20.63	−16 39.1	2.308	3.212	9.8	21.0
7 10	16 16.44	−16 30.7	2.390	3.209	12.5	21.2
318605 2005 JB_{55}		6 1.9 49.°95	5.°0/31.5 17			
5 1	17 4.84	−12 54.9	1.413	2.301	15.2	21.2
5 11	16 59.29	−12 4.9	1.358	2.306	11.3	21.0
5 21	16 51.40	−11 19.3	1.324	2.311	7.3	20.8
5 31	16 42.14	−10 42.2	1.314	2.317	5.0	20.6
6 10	16 32.79	−10 17.6	1.330	2.323	6.9	20.8
6 20	16 24.54	−10 7.6	1.369	2.328	10.8	21.0
6 30	16 18.38	−10 13.1	1.430	2.334	14.6	21.2
7 10	16 14.91	−10 33.0	1.510	2.341	17.9	21.5
442074 2010 RL_{158}		6 1.9 271.°33	3.°7/ 3.5 18			
5 1	17 4.80	−34 14.1	2.325	3.172	11.5	21.2
5 11	16 58.91	−34 18.8	2.239	3.161	8.9	21.0
5 21	16 51.10	−34 12.3	2.176	3.150	6.1	20.9
5 31	16 42.10	−33 53.3	2.140	3.138	3.9	20.7
6 10	16 32.87	−33 22.0	2.131	3.127	4.4	20.7
6 20	16 24.36	−32 41.0	2.150	3.116	7.0	20.8
6 30	16 17.44	−31 54.0	2.194	3.104	10.0	21.0
7 10	16 12.69	−31 5.7	2.261	3.093	12.7	21.2
202140 2004 TM_{247}		6 1.9 212.°59	3.°4/ 1.3 18			
5 1	17 6.09	−11 52.0	2.031	2.899	12.1	20.1
5 11	16 59.78	−11 54.9	1.956	2.895	9.0	19.9
5 21	16 51.57	−12 3.5	1.905	2.890	5.7	19.7
5 31	16 42.18	−12 18.9	1.881	2.885	3.5	19.5
6 10	16 32.54	−12 41.5	1.885	2.880	5.0	19.6
6 20	16 23.59	−13 11.5	1.917	2.875	8.2	19.8
6 30	16 16.16	−13 48.4	1.973	2.869	11.6	20.0
7 10	16 10.86	−14 31.6	2.051	2.863	14.5	20.2

2020	α_{2000}	δ_{2000}	Δ	r	β	V
141275 2001 YH_{43}		6 1.9 265.°00	0.°2/ 2.0 18			
	h m	° ′			°	m
5 1	17 3.49	−22 54.3	2.227	3.098	11.1	20.6
5 11	16 57.89	−22 54.0	2.145	3.089	8.0	20.4
5 21	16 50.50	−22 50.4	2.087	3.079	4.5	20.1
5 31	16 42.00	−22 43.5	2.056	3.070	0.8	19.8
6 10	16 33.26	−22 34.1	2.054	3.060	3.1	20.0
6 20	16 25.15	−22 23.7	2.078	3.050	6.8	20.2
6 30	16 18.47	−22 14.5	2.129	3.040	10.1	20.4
7 10	16 13.80	−22 8.3	2.201	3.031	13.1	20.6
499539 2010 RS_{99}		6 1.9 235.°13	0.°3/ 2.1 17			
5 1	17 8.08	−24 1.4	1.792	2.664	13.3	22.5
5 11	17 1.59	−23 49.0	1.708	2.652	9.7	22.2
5 21	16 52.75	−23 30.7	1.648	2.640	5.5	21.9
5 31	16 42.39	−23 6.3	1.613	2.627	1.0	21.6
6 10	16 31.68	−22 37.5	1.607	2.613	3.7	21.8
6 20	16 21.80	−22 7.2	1.627	2.599	8.2	22.0
6 30	16 13.82	−21 39.1	1.672	2.585	12.4	22.2
7 10	16 8.43	−21 16.6	1.737	2.569	15.9	22.4
356977 1995 SC_{63}		6 1.9 160.°73	1.°4/ 2.2 16			
5 1	17 10.17	−24 54.5	1.408	2.288	15.7	22.3
5 11	17 3.48	−25 9.7	1.343	2.290	11.5	22.0
5 21	16 53.93	−25 18.9	1.300	2.293	6.6	21.8
5 31	16 42.59	−25 20.2	1.282	2.295	1.8	21.5
6 10	16 30.96	−25 14.2	1.290	2.296	4.4	21.6
6 20	16 20.55	−25 3.1	1.322	2.298	9.4	21.9
6 30	16 12.59	−24 50.8	1.378	2.299	13.9	22.2
7 10	16 7.83	−24 41.5	1.452	2.300	17.7	22.4
474924 2005 SA_{238}		6 1.9 241.°51	5.°6/ 3.4 17			
5 1	17 7.82	−38 36.6	2.436	3.262	11.7	21.3
5 11	17 1.23	−39 28.2	2.356	3.257	9.5	21.2
5 21	16 52.49	−40 8.3	2.300	3.252	7.2	21.0
5 31	16 42.36	−40 33.4	2.270	3.247	5.8	20.9
6 10	16 31.86	−40 42.0	2.268	3.242	6.1	20.9
6 20	16 22.05	−40 34.8	2.292	3.236	7.9	21.0
6 30	16 13.90	−40 15.3	2.341	3.230	10.3	21.2
7 10	16 8.08	−39 48.0	2.412	3.225	12.6	21.3
384487 2010 CW_{62}		6 1.9 225.°67	2.°7/ 1.2 18			
5 1	17 4.20	−15 31.0	1.861	2.739	12.6	20.7
5 11	16 58.52	−15 13.6	1.793	2.738	9.2	20.5
5 21	16 50.89	−14 58.2	1.747	2.738	5.5	20.2
5 31	16 42.08	−14 46.4	1.728	2.737	2.8	20.1
6 10	16 33.10	−14 40.1	1.736	2.736	4.7	20.2
6 20	16 24.91	−14 40.5	1.770	2.735	8.3	20.4
6 30	16 18.37	−14 48.7	1.829	2.734	11.9	20.6
7 10	16 14.05	−15 5.0	1.908	2.733	15.0	20.8
219747 2001 XT_{247}		6 1.9 123.°81	0.°6/ 2.2 18			
5 1	17 7.57	−25 0.5	2.080	2.945	12.0	20.8
5 11	17 0.68	−24 48.8	2.021	2.961	8.6	20.6
5 21	16 51.96	−24 31.4	1.986	2.977	4.9	20.4
5 31	16 42.24	−24 8.3	1.979	2.992	1.1	20.1
6 10	16 32.53	−23 41.4	2.000	3.007	3.2	20.3
6 20	16 23.75	−23 13.1	2.049	3.020	6.9	20.6
6 30	16 16.69	−22 46.3	2.124	3.034	10.3	20.8
7 10	16 11.84	−22 23.9	2.221	3.047	13.1	21.0
62984 2000 VV_{59}		6 1.9 325.°85	2.°0/31.9 18			
5 1	17 2.11	−19 8.9	2.194	3.069	11.0	18.3
5 11	16 56.75	−18 12.6	2.121	3.068	7.9	18.1
5 21	16 49.78	−17 13.3	2.074	3.066	4.6	17.9
5 31	16 41.89	−16 13.9	2.055	3.065	2.0	17.7
6 10	16 33.93	−15 17.7	2.063	3.063	4.0	17.9
6 20	16 26.69	−14 27.9	2.099	3.062	7.4	18.1
6 30	16 20.86	−13 47.3	2.161	3.061	10.5	18.3
7 10	16 16.92	−13 17.4	2.244	3.060	13.3	18.5
392961 2012 WC_{35}		6 1.9 168.°66	2.°1/ 1.4 17			
5 1	17 4.31	−15 4.8	2.304	3.172	10.9	20.7
5 11	16 58.29	−15 8.2	2.233	3.174	7.9	20.5
5 21	16 50.66	−15 14.2	2.187	3.176	4.7	20.3
5 31	16 42.05	−15 23.4	2.168	3.177	2.2	20.1
6 10	16 33.29	−15 36.3	2.178	3.179	3.8	20.3
6 20	16 25.16	−15 53.5	2.216	3.180	7.0	20.5
6 30	16 18.39	−16 15.3	2.280	3.180	10.1	20.7
7 10	16 13.49	−16 41.7	2.367	3.181	12.7	20.8
36724 2000 RS_{43}		6 1.9 80.°65	6.°3/ 4.8 18			
5 1	17 8.15	−41 49.8	2.261	3.079	12.8	18.2
5 11	17 1.36	−42 13.6	2.201	3.092	10.4	18.0
5 21	16 52.45	−42 21.2	2.162	3.106	8.1	17.9
5 31	16 42.34	−42 10.2	2.149	3.119	6.5	17.8
6 10	16 32.20	−41 40.6	2.162	3.133	6.5	17.9
6 20	16 23.10	−40 55.4	2.201	3.146	8.1	18.0
6 30	16 15.94	−39 59.4	2.265	3.159	10.4	18.1
7 10	16 11.27	−38 58.7	2.352	3.173	12.6	18.3

180508 2004 CT_{130} 6 1.9 337°.51 2°.2/ 2.4 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 1	17 3.33	−26 21.9	1.204	2.101	16.6	19.6
5 11	16 59.08	−26 37.7	1.133	2.088	12.3	19.3
5 21	16 51.72	−26 45.5	1.082	2.076	7.4	19.0
5 31	16 42.28	−26 43.6	1.054	2.065	2.6	18.7
6 10	16 32.32	−26 32.2	1.048	2.056	4.9	18.8
6 20	16 23.49	−26 14.2	1.065	2.047	10.2	19.0
6 30	16 17.22	−25 54.2	1.103	2.039	15.2	19.3
7 10	16 14.37	−25 37.1	1.159	2.033	19.5	19.5

294505 2007 XG 6 1.9 203°.01 1°.7/ 2.5 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 9.06	−27 5.4	1.746	2.614	13.7	21.5
5 11	17 2.33	−27 3.2	1.671	2.611	10.1	21.2
5 21	16 53.16	−26 52.6	1.618	2.608	6.0	21.0
5 31	16 42.49	−26 32.8	1.592	2.603	2.0	20.7
6 10	16 31.56	−26 4.9	1.593	2.599	3.9	20.8
6 20	16 21.61	−25 32.1	1.620	2.593	8.2	21.1
6 30	16 13.70	−24 58.6	1.672	2.588	12.2	21.3
7 10	16 8.50	−24 28.6	1.745	2.581	15.7	21.5

3707 Schröter 6 1.9 189°.90 3°.1/ 3.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 8.17	−32 54.0	2.178	3.027	12.2	17.1
5 11	17 1.29	−32 40.7	2.100	3.026	9.2	16.9
5 21	16 52.41	−32 15.3	2.046	3.024	6.0	16.7
5 31	16 42.35	−31 37.1	2.019	3.022	3.3	16.6
6 10	16 32.19	−30 47.5	2.020	3.020	4.0	16.6
6 20	16 22.93	−29 50.0	2.049	3.017	7.1	16.8
6 30	16 15.45	−28 49.4	2.104	3.014	10.3	17.0
7 10	16 10.29	−27 50.8	2.181	3.010	13.2	17.2

181398 2006 SC_{108} 6 1.9 187°.88 4°.3/ 3.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 10.13	−33 15.7	1.805	2.659	14.0	21.1
5 11	17 3.16	−33 35.0	1.732	2.659	10.7	20.9
5 21	16 53.65	−33 41.9	1.681	2.658	7.2	20.7
5 31	16 42.57	−33 33.5	1.656	2.657	4.5	20.5
6 10	16 31.24	−33 10.0	1.658	2.655	5.2	20.6
6 20	16 20.95	−32 34.1	1.686	2.653	8.5	20.7
6 30	16 12.82	−31 51.1	1.739	2.651	12.0	20.9
7 10	16 7.54	−31 6.9	1.813	2.648	15.2	21.1

289594 2005 GW_2 6 1.9 21°.94 4°.5/31.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 2.68	−15 39.6	1.108	2.013	17.1	19.9
5 11	16 58.17	−14 45.0	1.061	2.020	12.5	19.7
5 21	16 50.93	−13 52.6	1.034	2.028	7.6	19.5
5 31	16 42.11	−13 7.4	1.029	2.037	4.5	19.3
6 10	16 33.25	−12 34.3	1.047	2.047	7.0	19.5
6 20	16 25.74	−12 16.7	1.087	2.058	11.6	19.8
6 30	16 20.69	−12 15.8	1.147	2.070	16.0	20.0
7 10	16 18.70	−12 30.5	1.225	2.082	19.7	20.3

161479 2004 GU_{27} 6 1.9 270°.16 2°.4/ 1.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 19.67	−18 52.9	1.072	1.955	19.3	19.1
5 11	17 11.88	−21 7.1	0.996	1.945	14.3	18.7
5 21	16 59.58	−23 36.4	0.942	1.935	8.3	18.4
5 31	16 43.71	−26 10.3	0.913	1.925	2.6	18.0
6 10	16 26.25	−28 35.6	0.910	1.914	6.3	18.2
6 20	16 9.69	−30 42.1	0.932	1.904	12.8	18.5
6 30	15 56.39	−32 27.0	0.976	1.893	18.6	18.8
7 10	15 47.84	−33 54.2	1.038	1.883	23.4	19.1

295053 2008 EH_{114} 6 1.9 327°.49 2°.8/31.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 1.30	−16 4.9	2.166	3.042	11.1	20.4
5 11	16 56.21	−15 20.9	2.094	3.039	8.1	20.2
5 21	16 49.52	−14 36.9	2.047	3.037	4.9	20.0
5 31	16 41.88	−13 55.6	2.027	3.034	2.8	19.8
6 10	16 34.13	−13 19.6	2.035	3.031	4.5	19.9
6 20	16 27.05	−12 51.4	2.069	3.029	7.7	20.1
6 30	16 21.35	−12 32.6	2.128	3.026	10.8	20.3
7 10	16 17.52	−12 24.1	2.209	3.024	13.5	20.5

393032 2013 AB_8 6 1.9 18°.14 1°.3/ 2.5 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 2.72	−26 48.9	1.978	2.851	12.2	20.6
5 11	16 57.45	−26 41.5	1.911	2.854	8.9	20.4
5 21	16 50.29	−26 27.0	1.867	2.858	5.2	20.2
5 31	16 42.01	−26 5.6	1.850	2.861	1.7	19.9
6 10	16 33.63	−25 38.6	1.859	2.866	3.3	20.1
6 20	16 26.08	−25 8.6	1.896	2.871	7.1	20.3
6 30	16 20.19	−24 39.0	1.957	2.876	10.5	20.5
7 10	16 16.50	−24 12.7	2.040	2.881	13.5	20.7

64706 2001 XH_{90} 6 1.9 61°.88 0°.3/ 2.1 18 R

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 6.12	−24 3.6	1.560	2.442	14.4	19.3
5 11	17 0.16	−23 51.0	1.504	2.453	10.4	19.1
5 21	16 51.88	−23 32.5	1.470	2.463	5.8	18.9
5 31	16 42.28	−23 8.6	1.461	2.474	1.1	18.6
6 10	16 32.62	−22 41.3	1.478	2.485	3.8	18.8
6 20	16 24.11	−22 13.9	1.521	2.496	8.4	19.1
6 30	16 17.70	−21 49.8	1.587	2.507	12.4	19.3
7 10	16 13.96	−21 32.1	1.673	2.519	15.8	19.6

142233 2002 RZ_{84} 6 1.9 207°.96 0°.0/ 1.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 1	17 7.52	−23 0.2	1.950	2.819	12.5	21.0
5 11	17 0.97	−22 47.4	1.871	2.814	9.0	20.8
5 21	16 52.31	−22 29.9	1.817	2.809	5.1	20.6
5 31	16 42.37	−22 8.0	1.789	2.803	0.8	20.2
6 10	16 32.19	−21 43.3	1.790	2.796	3.5	20.4
6 20	16 22.82	−21 18.3	1.817	2.788	7.6	20.7
6 30	16 15.19	−20 55.9	1.870	2.780	11.4	20.9
7 10	16 9.92	−20 39.0	1.945	2.772	14.6	21.1

321378 2009 OU_{16} 6 1.9 340°.15 8°.1/29.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 0.44	− 9 53.8	1.190	2.090	16.5	19.7
5 11	16 56.59	− 8 14.6	1.128	2.079	12.8	19.4
5 21	16 50.12	− 6 40.3	1.087	2.068	9.4	19.2
5 31	16 42.02	− 5 19.6	1.067	2.059	8.2	19.1
6 10	16 33.64	− 4 20.5	1.070	2.051	10.2	19.2
6 20	16 26.30	− 3 47.9	1.095	2.044	14.0	19.3
6 30	16 21.16	− 3 42.9	1.138	2.037	17.9	19.6
7 10	16 18.93	− 4 2.9	1.197	2.032	21.4	19.8

435605 2008 SG_{61} 6 1.9 275°.97 6°.5/ 2.9 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 10.38	−36 38.6	1.866	2.709	14.1	20.9
5 11	17 3.74	−37 46.1	1.781	2.695	11.3	20.7
5 21	16 54.25	−38 42.3	1.719	2.680	8.5	20.5
5 31	16 42.74	−39 21.5	1.682	2.666	6.6	20.4
6 10	16 30.55	−39 40.7	1.671	2.652	7.2	20.4
6 20	16 19.14	−39 40.1	1.685	2.637	9.7	20.5
6 30	16 9.85	−39 23.7	1.724	2.622	12.8	20.6
7 10	16 3.61	−38 57.9	1.782	2.608	15.8	20.8

266468 2007 RY_{145} 6 1.9 218°.08 13°.6/ 3.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 23.69	−47 40.7	1.396	2.203	19.8	20.9
5 11	17 15.27	−49 42.5	1.326	2.196	17.3	20.7
5 21	17 1.67	−51 21.7	1.276	2.189	15.0	20.6
5 31	16 44.08	−52 24.5	1.246	2.181	13.7	20.5
6 10	16 25.06	−52 42.1	1.238	2.172	14.0	20.4
6 20	16 7.65	−52 15.2	1.252	2.162	15.8	20.5
6 30	15 54.46	−51 14.1	1.285	2.152	18.4	20.7
7 10	15 46.79	−49 53.8	1.335	2.140	21.1	20.8

263126 2007 VX_{63} 6 1.9 199°.06 1°.0/ 2.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 9.48	−25 13.2	1.924	2.789	12.8	21.6
5 11	17 2.46	−25 15.8	1.846	2.786	9.3	21.4
5 21	16 53.20	−25 12.5	1.792	2.782	5.4	21.1
5 31	16 42.55	−25 2.5	1.764	2.777	1.4	20.8
6 10	16 31.62	−24 46.6	1.765	2.771	3.5	21.0
6 20	16 21.55	−24 26.9	1.793	2.765	7.7	21.2
6 30	16 13.32	−24 6.7	1.847	2.758	11.5	21.4
7 10	16 7.60	−23 49.4	1.922	2.750	14.8	21.6

292988 2006 VC_{169} 6 1.9 260°.13 1°.8/ 1.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 3.59	−16 21.7	2.264	3.135	10.9	20.7
5 11	16 57.92	−16 24.9	2.183	3.126	7.9	20.5
5 21	16 50.55	−16 29.8	2.127	3.117	4.6	20.3
5 31	16 42.11	−16 37.1	2.098	3.108	1.9	20.1
6 10	16 33.42	−16 47.5	2.097	3.099	3.7	20.2
6 20	16 25.30	−17 1.4	2.124	3.090	7.1	20.4
6 30	16 18.53	−17 19.6	2.176	3.080	10.3	20.6
7 10	16 13.65	−17 42.5	2.251	3.071	13.1	20.8

84373 2002 TR_{129} 6 1.9 80°.20 1°.2/ 2.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 7.37	−26 51.2	1.520	2.399	14.9	19.1
5 11	17 1.17	−26 28.2	1.460	2.406	10.8	18.9
5 21	16 52.50	−25 55.4	1.422	2.414	6.3	18.7
5 31	16 42.42	−25 13.5	1.410	2.422	1.7	18.4
6 10	16 32.29	−24 25.3	1.423	2.430	4.0	18.6
6 20	16 23.38	−23 35.5	1.462	2.438	8.6	18.8
6 30	16 16.71	−22 49.2	1.524	2.446	12.8	19.1
7 10	16 12.87	−22 10.4	1.607	2.453	16.3	19.4

73681 1989 TL_{18} 6 1.9 310°.10 9°.0/ 2.1 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 9.83	−35 52.2	1.247	2.117	18.0	19.0
5 11	17 4.88	−37 28.1	1.152	2.081	14.7	18.7
5 21	16 55.75	−38 55.8	1.077	2.046	11.3	18.4
5 31	16 43.14	−40 4.9	1.023	2.011	9.1	18.2
6 10	16 28.76	−40 46.9	0.991	1.976	10.2	18.1
6 20	16 14.91	−40 58.6	0.982	1.941	13.9	18.2
6 30	16 3.99	−40 44.3	0.991	1.907	18.5	18.3
7 10	15 57.64	−40 13.9	1.017	1.874	22.8	18.5

425193 2009 US_{111} 6 1.9 217°.88 1°.6/ 1.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 5.83	−20 5.3	2.067	2.938	11.8	21.7
5 11	16 59.59	−19 18.1	1.986	2.931	8.5	21.5
5 21	16 51.49	−18 27.0	1.931	2.923	4.9	21.3
5 31	16 42.26	−17 34.1	1.903	2.915	1.7	21.0
6 10	16 32.87	−16 42.6	1.904	2.906	4.0	21.2
6 20	16 24.23	−15 55.9	1.932	2.897	7.8	21.4
6 30	16 17.17	−15 17.2	1.986	2.887	11.3	21.6
7 10	16 12.25	−14 48.6	2.061	2.877	14.3	21.8

2020	α_{2000}	δ_{2000}	Δ	r	β	V

13870 2158 *P–L* 6 1.9 168°.29 2°.6/ 1.1 18

2020	h m	° ′			°	m
5 1	17 6.34	−17 15.9	1.800	2.676	13.0	19.0
5 11	17 0.08	−16 37.6	1.733	2.679	9.4	18.8
5 21	16 51.79	−15 58.6	1.690	2.681	5.6	18.5
5 31	16 42.31	−15 21.4	1.674	2.683	2.6	18.3
6 10	16 32.72	−14 49.0	1.685	2.685	4.7	18.5
6 20	16 24.03	−14 24.0	1.723	2.686	8.6	18.7
6 30	16 17.12	−14 8.6	1.784	2.687	12.3	18.9
7 10	16 12.56	−14 3.7	1.867	2.688	15.4	19.1

287971 2003 *US*$_{140}$ 6 1.9 135°.16 5°.2/31.7 17

5 1	17 6.38	−10 54.9	1.547	2.426	14.6	20.4
5 11	17 0.32	−10 19.3	1.488	2.430	11.0	20.2
5 21	16 52.00	− 9 50.2	1.450	2.434	7.3	20.0
5 31	16 42.36	− 9 31.1	1.438	2.438	5.2	19.9
6 10	16 32.57	− 9 24.5	1.451	2.441	6.9	20.0
6 20	16 23.79	− 9 31.8	1.489	2.444	10.4	20.2
6 30	16 16.98	− 9 52.8	1.550	2.448	14.1	20.4
7 10	16 12.74	−10 26.2	1.630	2.451	17.3	20.6

22783 Teng 6 1.9 60°.08 1°.6/ 2.5 18

5 1	17 7.87	−27 6.3	1.464	2.343	15.3	18.0
5 11	17 1.43	−26 55.2	1.419	2.365	11.1	17.8
5 21	16 52.57	−26 34.8	1.395	2.387	6.4	17.6
5 31	16 42.43	−26 5.3	1.397	2.409	2.0	17.4
6 10	16 32.41	−25 29.2	1.424	2.431	4.0	17.6
6 20	16 23.76	−24 50.6	1.477	2.454	8.5	17.9
6 30	16 17.45	−24 14.1	1.553	2.476	12.5	18.2
7 10	16 13.97	−23 43.6	1.650	2.499	15.8	18.4

43396 2000 *WN*$_{89}$ 6 1.9 109°.23 0°.2/ 2.0 18

5 1	17 8.97	−23 18.3	1.543	2.421	14.7	19.7
5 11	17 2.26	−23 12.8	1.486	2.433	10.6	19.5
5 21	16 53.10	−23 2.2	1.452	2.445	6.0	19.2
5 31	16 42.54	−22 46.6	1.443	2.456	1.0	18.9
6 10	16 31.92	−22 27.5	1.461	2.468	3.9	19.1
6 20	16 22.49	−22 7.9	1.504	2.478	8.6	19.4
6 30	16 15.28	−21 51.0	1.571	2.489	12.7	19.7
7 10	16 10.87	−21 39.8	1.659	2.499	16.2	20.0

134712 1999 *XZ*$_{248}$ 6 1.9 198°.68 2°.8/31.8 18

5 1	17 6.70	−17 20.5	1.894	2.767	12.6	20.3
5 11	17 0.30	−16 26.7	1.820	2.765	9.2	20.1
5 21	16 51.92	−15 31.0	1.771	2.761	5.5	19.9
5 31	16 42.36	−14 36.6	1.749	2.757	2.8	19.7
6 10	16 32.66	−13 46.9	1.755	2.753	4.9	19.8
6 20	16 23.80	−13 5.6	1.788	2.748	8.6	20.0
6 30	16 16.64	−12 35.3	1.846	2.742	12.2	20.3
7 10	16 11.76	−12 17.3	1.924	2.736	15.3	20.5

416297 2003 *RW*$_{2}$ 6 1.9 288°.90 2°.7/ 2.6 17

5 1	17 7.94	−27 53.7	1.424	2.304	15.6	21.2
5 11	17 2.33	−28 8.1	1.336	2.281	11.7	20.9
5 21	16 53.62	−28 13.7	1.268	2.258	7.2	20.6
5 31	16 42.71	−28 7.9	1.225	2.235	3.0	20.3
6 10	16 31.07	−27 50.3	1.206	2.212	4.9	20.3
6 20	16 20.29	−27 23.3	1.212	2.189	9.9	20.6
6 30	16 11.87	−26 52.3	1.240	2.165	14.8	20.8
7 10	16 6.79	−26 22.9	1.287	2.142	19.0	21.0

236715 2007 *FL*$_{31}$ 6 1.9 151°.23 0°.4/ 1.9 16

5 1	17 10.37	−21 51.3	1.467	2.347	15.2	21.7
5 11	17 3.44	−21 43.5	1.405	2.353	11.0	21.5
5 21	16 53.86	−21 31.7	1.366	2.359	6.2	21.2
5 31	16 42.70	−21 16.1	1.351	2.364	1.1	20.9
6 10	16 31.38	−20 58.6	1.363	2.369	4.3	21.1
6 20	16 21.25	−20 41.8	1.400	2.374	9.2	21.4
6 30	16 13.46	−20 29.0	1.461	2.377	13.6	21.7
7 10	16 8.64	−20 23.0	1.541	2.381	17.2	21.9

488951 2005 *UK*$_{175}$ 6 1.9 227°.51 1°.0/ 1.5 18

5 1	17 2.21	−20 46.7	2.611	3.479	9.7	21.7
5 11	16 56.70	−20 8.7	2.529	3.472	7.0	21.5
5 21	16 49.77	−19 27.5	2.473	3.465	4.0	21.3
5 31	16 42.00	−18 44.6	2.446	3.458	1.1	21.1
6 10	16 34.12	−18 2.2	2.447	3.450	3.1	21.2
6 20	16 26.82	−17 22.8	2.477	3.442	6.2	21.4
6 30	16 20.72	−16 48.6	2.533	3.434	9.1	21.6
7 10	16 16.28	−16 21.4	2.612	3.426	11.7	21.8

307016 2001 *XT*$_{70}$ 6 1.9 259°.31 3°.5/31.9 18

5 1	17 5.15	−14 10.3	1.786	2.663	13.0	20.5
5 11	16 59.41	−13 44.3	1.707	2.651	9.6	20.2
5 21	16 51.55	−13 20.9	1.651	2.639	6.0	20.0
5 31	16 42.33	−13 2.5	1.620	2.626	3.5	19.8
6 10	16 32.79	−12 51.3	1.617	2.614	5.4	19.9
6 20	16 23.99	−12 49.1	1.639	2.601	9.2	20.1
6 30	16 16.87	−12 57.1	1.686	2.587	12.9	20.3
7 10	16 12.11	−13 15.5	1.752	2.574	16.2	20.4

114415 2002 *YY*$_{27}$ 6 1.9 218°.45 0°.8/ 1.8 18

2020	h m	° ′			°	m
5 1	17 7.24	−20 19.5	2.053	2.922	11.9	21.1
5 11	17 0.73	−20 12.6	1.970	2.913	8.7	20.9
5 21	16 52.22	−20 3.8	1.912	2.904	4.9	20.6
5 31	16 42.44	−19 53.3	1.881	2.894	1.1	20.3
6 10	16 32.37	−19 42.4	1.879	2.884	3.5	20.5
6 20	16 23.01	−19 32.7	1.904	2.873	7.5	20.7
6 30	16 15.25	−19 26.4	1.955	2.861	11.2	20.9
7 10	16 9.72	−19 25.2	2.027	2.849	14.3	21.1

195306 2002 *EF*$_{100}$ 6 1.9 137°.15 11°.4/27.6 18

5 1	17 2.70	+ 5 56.2	1.861	2.691	14.7	19.7
5 11	16 57.36	+ 7 33.4	1.811	2.692	12.8	19.6
5 21	16 50.24	+ 8 52.5	1.784	2.694	11.6	19.5
5 31	16 42.09	+ 9 47.0	1.780	2.695	11.4	19.5
6 10	16 33.86	+10 13.1	1.798	2.696	12.4	19.6
6 20	16 26.41	+10 10.0	1.838	2.697	14.0	19.7
6 30	16 20.51	+ 9 40.0	1.898	2.698	15.9	19.8
7 10	16 16.68	+ 8 47.6	1.975	2.699	17.8	20.0

395671 2011 *WA*$_{113}$ 6 1.9 191°.25 2°.9/ 1.5 18

5 1	17 5.80	−10 49.7	2.603	3.459	10.2	20.5
5 11	16 59.27	−11 12.8	2.526	3.458	7.5	20.3
5 21	16 51.23	−11 41.8	2.474	3.457	4.8	20.2
5 31	16 42.27	−12 16.8	2.452	3.455	2.9	20.0
6 10	16 33.11	−12 57.4	2.459	3.453	4.0	20.1
6 20	16 24.48	−13 43.0	2.496	3.452	6.7	20.3
6 30	16 17.03	−14 32.8	2.560	3.449	9.5	20.5
7 10	16 11.29	−15 26.0	2.647	3.447	11.9	20.6

418130 2007 *YO*$_{73}$ 6 1.9 157°.49 1°.8/ 2.6 17

5 1	17 9.70	−27 57.3	1.948	2.809	12.9	22.2
5 11	17 2.50	−27 52.0	1.881	2.817	9.4	22.0
5 21	16 53.17	−27 38.2	1.837	2.824	5.6	21.8
5 31	16 42.60	−27 15.2	1.820	2.830	2.1	21.6
6 10	16 31.93	−26 44.3	1.831	2.836	3.6	21.7
6 20	16 22.26	−26 8.7	1.870	2.841	7.4	22.0
6 30	16 14.50	−25 32.3	1.934	2.845	11.0	22.2
7 10	16 9.21	−24 59.1	2.020	2.849	14.1	22.4

53092 1998 *YA*$_{12}$ 6 1.9 278°.80 4°.6/ 3.3 18

5 1	17 8.30	−33 32.5	1.680	2.540	14.6	18.2
5 11	17 2.24	−33 49.7	1.593	2.523	11.3	17.9
5 21	16 53.40	−33 53.7	1.528	2.505	7.7	17.7
5 31	16 42.68	−33 41.3	1.487	2.488	4.9	17.5
6 10	16 31.46	−33 12.1	1.472	2.470	5.6	17.5
6 20	16 21.16	−32 28.9	1.482	2.452	9.1	17.6
6 30	16 13.06	−31 37.3	1.517	2.434	13.1	17.8
7 10	16 7.99	−30 44.3	1.571	2.416	16.7	18.0

61960 2000 *RV*$_{19}$ 6 1.9 205°.60 1°.0/ 1.5 18

5 1	17 2.72	−20 21.5	2.531	3.399	10.0	19.0
5 11	16 57.11	−19 52.7	2.453	3.396	7.2	18.8
5 21	16 50.02	−19 21.5	2.400	3.392	4.1	18.6
5 31	16 42.07	−18 49.0	2.376	3.388	1.1	18.4
6 10	16 34.01	−18 17.2	2.380	3.384	3.1	18.5
6 20	16 26.54	−17 48.2	2.413	3.379	6.3	18.7
6 30	16 20.32	−17 23.9	2.472	3.374	9.3	18.9
7 10	16 15.82	−17 6.0	2.553	3.369	11.9	19.1

498150 2007 *TN*$_{102}$ 6 1.9 261°.95 0°.2/ 2.0 17

5 1	17 8.97	−22 42.0	1.619	2.496	14.2	22.3
5 11	17 2.65	−22 46.3	1.530	2.476	10.4	22.1
5 21	16 53.63	−22 46.9	1.463	2.455	6.0	21.7
5 31	16 42.74	−22 42.9	1.421	2.434	1.1	21.4
6 10	16 31.25	−22 35.0	1.406	2.413	4.1	21.5
6 20	16 20.51	−22 24.9	1.417	2.391	9.1	21.8
6 30	16 11.80	−22 16.0	1.452	2.368	13.6	22.0
7 10	16 5.97	−22 11.4	1.506	2.345	17.6	22.2

435244 2007 *TA*$_{20}$ 6 1.9 286°.44 5°.3/ 2.9 18

5 1	17 8.71	−34 26.6	1.955	2.804	13.3	20.8
5 11	17 2.44	−35 19.9	1.861	2.782	10.5	20.5
5 21	16 53.52	−36 3.7	1.790	2.760	7.5	20.3
5 31	16 42.73	−36 33.6	1.745	2.737	5.4	20.1
6 10	16 31.26	−36 46.9	1.726	2.714	6.1	20.1
6 20	16 20.43	−36 44.1	1.733	2.692	8.9	20.2
6 30	16 11.48	−36 28.6	1.764	2.669	12.3	20.4
7 10	16 5.32	−36 5.7	1.816	2.646	15.4	20.6

95167 2002 *AT*$_{184}$ 6 1.9 259°.03 1°.6/ 1.7 18

5 1	17 7.43	−16 42.4	1.899	2.771	12.6	19.4
5 11	17 1.11	−17 0.0	1.813	2.756	9.2	19.1
5 21	16 52.57	−17 20.6	1.750	2.741	5.4	18.8
5 31	16 42.56	−17 43.9	1.714	2.726	1.8	18.6
6 10	16 32.09	−18 9.9	1.706	2.710	4.0	18.7
6 20	16 22.25	−18 38.4	1.725	2.694	8.2	18.9
6 30	16 14.06	−19 10.1	1.769	2.677	12.1	19.1
7 10	16 8.23	−19 45.2	1.835	2.661	15.4	19.3

437046 2012 UV_6 6 1.9 209.°47 0.°5/ 1.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 1	17 5.15	−20 30.3	2.058	2.931	11.8	21.3
5 11	16 59.20	−20 34.3	1.984	2.929	8.5	21.1
5 21	16 51.35	−20 37.0	1.934	2.927	4.8	20.9
5 31	16 42.33	−20 38.3	1.911	2.924	0.9	20.6
6 10	16 33.09	−20 39.0	1.916	2.922	3.3	20.8
6 20	16 24.58	−20 40.2	1.948	2.919	7.2	21.0
6 30	16 17.62	−20 43.6	2.005	2.916	10.7	21.2
7 10	16 12.81	−20 50.5	2.085	2.913	13.7	21.4

288165 2003 WG_{150} 6 1.9 227.°24 2.°8/ 1.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 4.13	−14 43.0	2.056	2.929	11.8	20.7
5 11	16 58.41	−14 28.6	1.982	2.925	8.6	20.5
5 21	16 50.88	−14 16.8	1.932	2.921	5.2	20.3
5 31	16 42.25	−14 8.9	1.909	2.916	2.8	20.1
6 10	16 33.42	−14 6.4	1.913	2.912	4.5	20.2
6 20	16 25.28	−14 10.5	1.945	2.907	7.9	20.4
6 30	16 18.62	−14 22.0	2.001	2.902	11.2	20.6
7 10	16 14.00	−14 41.0	2.079	2.897	14.1	20.8

364659 2007 TZ_{195} 6 1.9 315.°86 0.°0/ 1.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 5.05	−21 56.6	1.192	2.090	16.7	21.0
5 11	17 0.42	−22 2.5	1.116	2.073	12.2	20.7
5 21	16 52.62	−22 5.4	1.060	2.056	7.0	20.3
5 31	16 42.60	−22 4.7	1.026	2.039	1.2	19.9
6 10	16 31.91	−22 1.4	1.015	2.023	4.8	20.1
6 20	16 22.23	−21 57.6	1.027	2.008	10.7	20.3
6 30	16 15.06	−21 56.7	1.060	1.993	16.0	20.6
7 10	16 11.38	−22 1.7	1.110	1.979	20.5	20.8

484394 2007 WV_{23} 6 1.9 225.°26 0.°6/ 1.7 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	16 58.85	−19 47.5	3.819	4.681	7.1	23.0
5 11	16 54.00	−19 40.7	3.732	4.672	5.1	22.8
5 21	16 48.18	−19 33.0	3.671	4.662	2.9	22.7
5 31	16 41.79	−19 24.8	3.639	4.652	0.7	22.5
6 10	16 35.28	−19 16.9	3.638	4.642	2.1	22.6
6 20	16 29.10	−19 10.0	3.665	4.631	4.4	22.7
6 30	16 23.70	−19 5.1	3.721	4.620	6.5	22.9
7 10	16 19.40	−19 3.0	3.800	4.609	8.4	23.0

41483 2000 QD_{41} 6 1.9 126.°72 4.°8/31.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 4.95	−10 48.0	1.850	2.722	12.9	19.1
5 11	16 58.98	−10 6.9	1.791	2.730	9.7	18.9
5 21	16 51.17	− 9 31.1	1.756	2.737	6.5	18.7
5 31	16 42.30	− 9 4.0	1.747	2.744	4.8	18.6
6 10	16 33.36	− 8 48.0	1.765	2.751	6.2	18.7
6 20	16 25.27	− 8 44.7	1.808	2.758	9.3	18.9
6 30	16 18.85	− 8 54.2	1.875	2.764	12.5	19.1
7 10	16 14.59	− 9 15.5	1.963	2.770	15.2	19.3

266099 2006 SO_{93} 6 1.9 172.°17 0.°4/ 1.9 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 7.75	−21 56.4	1.917	2.788	12.6	21.9
5 11	17 1.11	−21 43.8	1.847	2.791	9.1	21.7
5 21	16 52.42	−21 27.4	1.802	2.794	5.1	21.4
5 31	16 42.52	−21 8.0	1.782	2.796	0.9	21.1
6 10	16 32.46	−20 47.0	1.791	2.797	3.5	21.3
6 20	16 23.29	−20 26.7	1.827	2.798	7.6	21.6
6 30	16 15.88	−20 9.9	1.889	2.798	11.3	21.8
7 10	16 10.82	−19 58.8	1.971	2.798	14.5	22.0

246819 2009 LO_2 6 1.9 311.°70 7.°6/29.0 16

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 0.48	− 2 58.2	2.105	2.963	12.1	20.0
5 11	16 55.70	− 1 38.1	2.038	2.955	9.9	19.8
5 21	16 49.32	− 0 26.8	1.994	2.947	8.1	19.7
5 31	16 42.00	+ 0 30.3	1.977	2.939	7.6	19.7
6 10	16 34.53	+ 1 9.6	1.984	2.931	8.7	19.7
6 20	16 27.68	+ 1 28.8	2.017	2.924	10.8	19.8
6 30	16 22.15	+ 1 28.1	2.071	2.916	13.2	20.0
7 10	16 18.44	+ 1 9.3	2.145	2.909	15.4	20.1

236658 2006 KH_{116} 6 1.9 270.°75 1.°5/ 1.5 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 3.98	−19 9.9	1.951	2.829	12.1	20.7
5 11	16 58.47	−18 46.7	1.871	2.818	8.8	20.5
5 21	16 51.00	−18 21.7	1.814	2.807	5.0	20.3
5 31	16 42.30	−17 56.4	1.784	2.795	1.7	20.0
6 10	16 33.35	−17 32.8	1.781	2.784	3.9	20.1
6 20	16 25.10	−17 13.2	1.804	2.773	7.9	20.4
6 30	16 18.43	−16 59.8	1.852	2.761	11.5	20.6
7 10	16 13.95	−16 54.2	1.922	2.750	14.7	20.7

69437 1996 KW_2 6 1.9 286.°85 4.°9/30.3 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	16 56.40	+ 3 37.7	4.388	5.200	7.2	19.3
5 11	16 52.11	+ 3 48.4	4.317	5.195	6.0	19.2
5 21	16 47.08	+ 3 51.1	4.271	5.190	5.2	19.2
5 31	16 41.62	+ 3 44.2	4.252	5.184	4.9	19.1
6 10	16 36.10	+ 3 27.2	4.261	5.179	5.3	19.2
6 20	16 30.86	+ 3 0.2	4.296	5.174	6.2	19.2
6 30	16 26.24	+ 2 23.8	4.356	5.169	7.4	19.3
7 10	16 22.49	+ 1 39.2	4.438	5.163	8.5	19.4

114370 2002 XR_{96} 6 1.9 226.°56 0.°6/ 1.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
	h m	° ′			°	m
5 1	17 4.09	−20 44.6	2.151	3.023	11.3	20.0
5 11	16 58.37	−20 40.1	2.075	3.020	8.2	19.8
5 21	16 50.87	−20 33.7	2.024	3.017	4.6	19.5
5 31	16 42.28	−20 25.8	2.000	3.013	0.9	19.2
6 10	16 33.49	−20 17.4	2.004	3.010	3.3	19.4
6 20	16 25.39	−20 10.1	2.035	3.006	7.0	19.7
6 30	16 18.76	−20 5.6	2.092	3.002	10.4	19.9
7 10	16 14.16	−20 5.6	2.171	2.998	13.3	20.0

239177 2006 KW_{71} 6 2.0 244.°66 3.°7/31.8 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 3.55	−12 52.9	1.978	2.852	12.1	21.4
5 11	16 58.03	−12 24.8	1.907	2.849	9.0	21.2
5 21	16 50.69	−12 0.3	1.859	2.845	5.7	21.0
5 31	16 42.25	−11 41.6	1.838	2.841	3.7	20.8
6 10	16 33.63	−11 30.9	1.844	2.837	5.3	20.9
6 20	16 25.73	−11 29.7	1.876	2.833	8.5	21.1
6 30	16 19.33	−11 38.6	1.932	2.829	11.8	21.3
7 10	16 15.01	−11 57.3	2.010	2.825	14.7	21.5

218413 2004 RU_{87} 6 2.0 316.°63 3.°2/31.7 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 0.97	−15 1.3	2.035	2.915	11.6	19.5
5 11	16 56.20	−14 18.8	1.956	2.902	8.5	19.3
5 21	16 49.68	−13 37.0	1.901	2.889	5.3	19.0
5 31	16 42.09	−12 58.7	1.872	2.877	3.2	18.9
6 10	16 34.29	−12 26.9	1.870	2.866	4.9	19.0
6 20	16 27.12	−12 3.8	1.894	2.854	8.3	19.1
6 30	16 21.37	−11 51.2	1.943	2.843	11.6	19.3
7 10	16 17.59	−11 49.8	2.012	2.832	14.5	19.5

384446 2010 AD_{59} 6 2.0 178.°63 9.°9/31.2 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 5.66	+ 5 36.6	1.951	2.774	14.3	20.5
5 11	16 59.46	+ 6 4.1	1.891	2.775	12.3	20.3
5 21	16 51.46	+ 6 12.6	1.853	2.775	10.6	20.2
5 31	16 42.39	+ 5 58.1	1.839	2.775	9.9	20.2
6 10	16 33.19	+ 5 19.4	1.849	2.775	10.5	20.2
6 20	16 24.75	+ 4 17.6	1.884	2.775	12.2	20.3
6 30	16 17.88	+ 2 56.2	1.941	2.775	14.4	20.5
7 10	16 13.09	+ 1 20.2	2.018	2.774	16.5	20.6

83039 2001 QU_{191} 6 2.0 309.°22 0.°0/ 1.8 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 3.61	−25 6.4	1.858	2.734	12.7	18.7
5 11	16 58.30	−24 17.4	1.775	2.722	9.2	18.4
5 21	16 50.93	−23 19.4	1.716	2.709	5.2	18.2
5 31	16 42.31	−22 14.2	1.683	2.697	0.9	17.8
6 10	16 33.49	−21 5.6	1.678	2.685	3.6	18.0
6 20	16 25.49	−19 58.1	1.700	2.673	7.9	18.2
6 30	16 19.22	−18 56.7	1.746	2.662	11.8	18.5
7 10	16 15.28	−18 5.0	1.813	2.650	15.1	18.6

518684 2008 UR_{374} 6 2.0 213.°65 0.°6/ 2.2 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 5.87	−23 55.3	2.087	2.956	11.8	21.7
5 11	16 59.76	−24 0.1	2.010	2.952	8.6	21.5
5 21	16 51.71	−24 0.8	1.957	2.948	4.9	21.2
5 31	16 42.45	−23 57.0	1.931	2.943	1.1	20.9
6 10	16 32.95	−23 49.3	1.932	2.939	3.2	21.1
6 20	16 24.18	−23 39.3	1.962	2.934	7.1	21.3
6 30	16 17.01	−23 29.3	2.016	2.929	10.6	21.5
7 10	16 12.02	−23 21.8	2.093	2.924	13.6	21.7

112512 2002 PV_{24} 6 2.0 287.°87 2.°4/ 1.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 6.09	−17 48.9	1.519	2.404	14.5	19.9
5 11	17 0.66	−17 27.1	1.429	2.379	10.7	19.6
5 21	16 52.57	−17 4.4	1.361	2.354	6.3	19.3
5 31	16 42.64	−16 42.7	1.319	2.330	2.5	19.0
6 10	16 32.10	−16 24.5	1.301	2.304	5.1	19.1
6 20	16 22.29	−16 12.4	1.309	2.279	10.0	19.3
6 30	16 14.44	−16 9.1	1.339	2.254	14.6	19.5
7 10	16 9.44	−16 16.2	1.388	2.229	18.7	19.7

75922 2000 CQ_{64} 6 2.0 183.°96 3.°9/ 3.4 18

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 7.51	−34 5.5	2.215	3.061	12.1	20.1
5 11	17 0.97	−34 21.1	2.140	3.061	9.3	19.9
5 21	16 52.38	−34 25.5	2.088	3.061	6.4	19.7
5 31	16 42.56	−34 16.9	2.063	3.060	4.1	19.6
6 10	16 32.55	−33 55.4	2.065	3.060	4.6	19.6
6 20	16 23.37	−33 23.2	2.095	3.059	7.3	19.8
6 30	16 15.92	−32 44.3	2.150	3.057	10.2	19.9
7 10	16 10.80	−32 3.4	2.227	3.056	13.0	20.1

357809 2005 TS_{161} 6 2.0 167.°91 3.°8/ 3.3 17

2020	α_{2000}	δ_{2000}	Δ	r	β	V
5 1	17 5.86	−34 8.8	2.520	3.362	10.9	21.2
5 11	16 59.62	−34 36.2	2.445	3.363	8.4	21.1
5 21	16 51.58	−34 54.1	2.395	3.365	5.8	20.9
5 31	16 42.45	−35 0.7	2.371	3.366	4.0	20.8
6 10	16 33.11	−34 55.6	2.375	3.367	4.4	20.8
6 20	16 24.46	−34 40.1	2.407	3.368	6.7	20.9
6 30	16 17.30	−34 17.4	2.465	3.369	9.3	21.1
7 10	16 12.18	−33 51.0	2.546	3.369	11.7	21.3